Quarter Century Wireless Association
PO Box 3247
Framingham, MA 01705-3247

# QCWA Journal

Quarter Century Wireless Association - Founded in 1947

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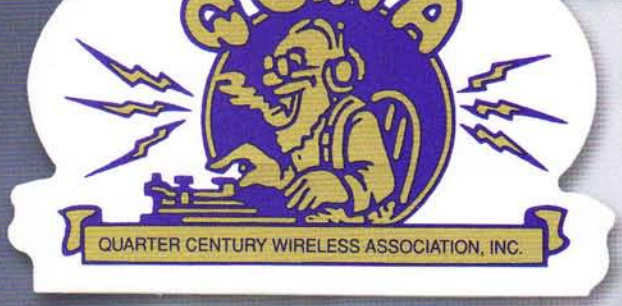
# Some Popular QCWA Supplies

(see ordering information on back inside cover)




*Decal note: there is an "inside the window" version and an "outside the window" version. Please specify when ordering!*

**QCWA Decal.** *Great for your car! Approximately 4.5" wide.*

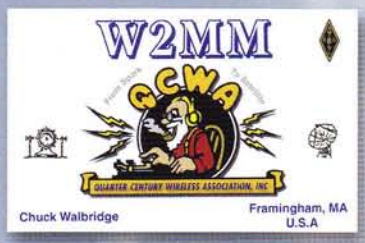
**QCWA Patch.** *Approximately 4" wide.*

**QCWA Life Member Pin.** *Approximately 1" diameter.*

**QCWA Standard Pin.** *Approximately 1" wide.*

**QCWA 25-Year Pin.** *Approximately 1" wide.*

**Wooden Ham Plaque.** *The standard is 7"X7" (shown at right). The Life Plaque is 7"x8".*

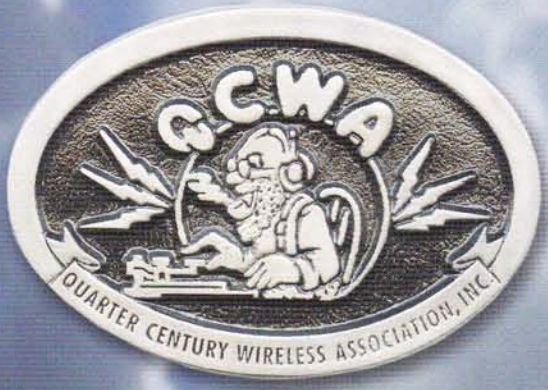


**QCWA Life Member label.** *Great for letters or QSO cards! Size: 1.5" X .75". 450 pieces per order.*

**QCWA QSL Cards.** *Each card is 5.5"X3.6". See ad on page 53 of this issue for details.*

**QCWA Member label.** *Great for letters or QSO cards! Size: 1.5" X .75", 450 pieces per order.*

**QCWA Shirt!** *For ordering instructions, please see ad inside this issue of the QCWA Journal.*




**QCWA Belt Buckle!** *see ad elsewhere in this Journal!*

**QCWA 50-Year label.** *Great for letters or QSO cards! Size: 1.5" X 1", 400 pieces per order.*

*(*items shown are not to scale and may differ slightly from photos)*

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

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**Business Office**
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**The Officers, Directors and Headquarters Staff wish our members and their families a Happy Holiday and very Best Wishes for the New Year!**

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### Past Presidents

**John DiBlasi, W2FX (SK)** 1947 - 1964
**Earl R. Thomas, W2MM (SK)** 1965 - 1968
**Clarence Seid, W2KW (SK)** 1969 - 1971
**Barry Goldwater, K7UGA (SK)** 1972 - 1973
**Frank A. Gunther, W2ALS (SK)** 1974 - 1977
**Harry S. Gartsman, W6ATC** 1978 - 1981
**Stuart Meyer, W2GHK (SK)** 1982 - 1985
**Leland Smith, W5KL (SK)** 1986 - 1989
**Harry Dannals, W2HD** 1989 - 1994
**Lew McCoy, W1ICP (SK)** 1994 - 1996
**John Kelleher, W4ZC (SK)** 1996 - 1998
**Gary R. Harrison, KØBC** 1998 - 2002
**Croft Taylor, VE3CT (SK)** 2002 - 2004
**John B. Johnston, W3BE** 2004 - 2008

### Executive Secretary/General Manager

**Ralph Barber, W2ZM (SK)** 1955 - 1964
**Gus Gironda, W2JE (SK)** 1965 - 1973
**Ethel Smith, K4LMB (SK)** 1974 - 1976
**Ted Heithecker, W5EJ (SK)** 1976 - 1991
**Jim Walsh, W7LVN (SK)** 1991 - 2003

### *The QCWA Journal*

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*Subscription to the JOURNAL for non-members in the U.S. is available for $25 per year. Contact the business office for subscription information.*

### *The QCWA Journal On Tape*

*The JOURNAL is available free to blind paid-up members on audio cassette tape. For more information, contact Rue Stuteville, Jr. KA4PLH.*

# From the **President**

**Bob Roske, NØUF**

## WINTER 2011

The 2011 Convention in Warwick, RI is history. The convention committee did a great job getting everything lined up. It's obvious the economy is still wreaking havoc as attendance was really down. Minutes of the Annual Members' Meeting can be found elsewhere in this issue of the Journal.

The 2012 convention is scheduled for Reno, NV. We are looking for a chapter or chapters to step up and apply to host our convention in 2013. You should start planning very soon. It takes longer than you think and time really does fly!

Our hard working Secretary, Walt Supina, N3WS, has stepped down. His better half, Aura Lee, was having some problems but I'm happy to report she is doing better.

Vic Culver, W4VIC, was appointed to fill the remainder of Walt's term. Vic was running unopposed in the next election. Many of you know Vic as the Chairman of the 2008 convention. He also puts out a weekly QCWA newsletter for the State of Virginia in English and Spanish.

Rue Stuteville Jr, W4RUE, has stepped up to assume the position of Tape Coordinator which was vacated when Vic became our Secretary. If your chapter has a blind member or you know a blind member that isn't involved in the taping program, please send their information to Rue via his CBA. We need to come up with another name as we no longer use cassette tapes. Rue was also instrumental in establishing our presence on Twitter.

Five Presidential Awards were announced and in two cases, presented in Warwick, RI.
Ron Fish, KX1W, for "Work on the Publications Standing Committee".
Roger Volk, KØGOB, for "Work on the Finance Standing Committee".
Howard Cummingham, WD5DBC, for "Work on the Administration Standing Committee, the Chapter Relations Standing Committee and for providing the web hosting service for www.qcwa.org".
Bob Buus, W2OD, for "Being the Logging Checker for our QSO Parties".
Vic Culver, W4VIC, for "Work on the Chapter Relations Standing Committee, the Publications Standing Committee and being the Tape Coordinator".

The Board also approved awarding the 'John DiBlasi Award' to Walt Supina, N3WS, for his service to QCWA as Secretary.

It was also my pleasure to present the QCWA "Roll of Honor" award to K1IGD, Chuck Walbridge, at the Saturday night Convention Banquet. As I said at the banquet, "the award is for Chuck and his number one helper, Janet." A big thanks to both of you!

I had the honor of attending the 100th birthday party of Ben Miller, WØDKL in St Louis Park, MN on October 22nd. I had presented Ben with his 80-Year Golden Anniversary Award in 2008.

**73 de NØUF op, Bob Roske**
**President, QCWA**

# The Quarter Century Wireless Association

**The Quarter Century Wireless Association, Inc.** was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer, and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA, one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed. Membership inquiries and general correspondence should be addressed to the business office at P.O. Box 3247, Framingham, MA 01705-3247 U.S.A.
VP: 508-405-1930
FAX: 508-405-1965
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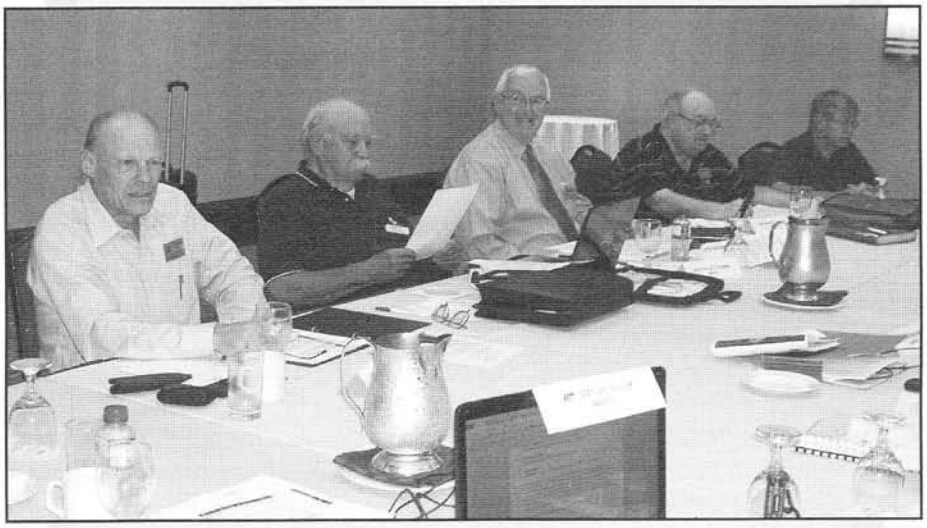
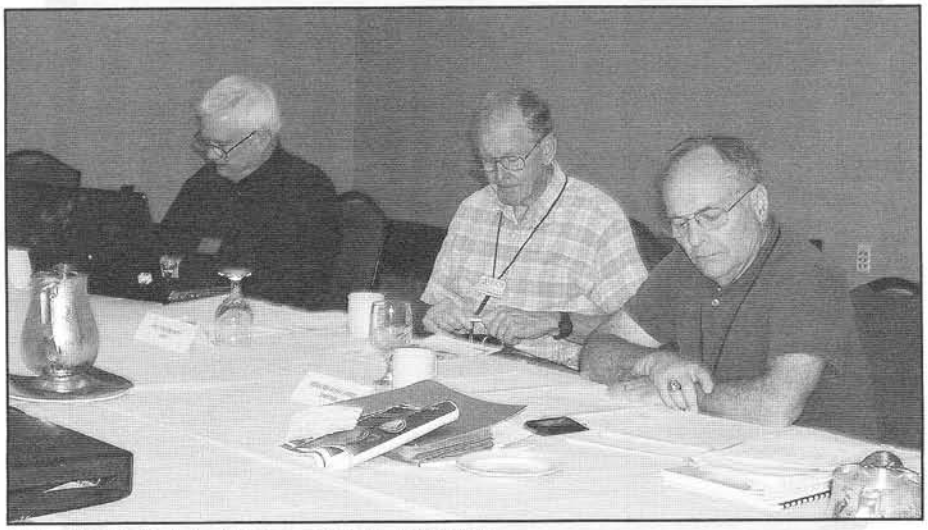
## Photos from the **2011 Board Of Directors Meeting**

*(Left) Vic, W4VIC; Bob, N0UF (right).*



*Ken, VE6AFO; Le Roy, W0OFY; Val, W5PUT; Gary, K0BC; Guest, Steve Licht, WR2S.*



*Skip, WB6VVA; Bob, KK3P; and Frank, WA4PAM.*

# GENERAL MANAGER'S Report

Chuck Walbridge, K1IGD

## WINTER 2011

**QCWA AND THE ECONOMY:** QCWA, like the rest of you, is experiencing the impact of the current economic conditions in the US and around the world. Reports from our finance advisors are cautious, but all indicate the basics of the US economy are sound. We are, however, living in a world environment and what happens in the world does impact QCWA as well as each of us.

With these conditions in mind, as GM, I will be taking some action to reduce the office expenses with the least impact on continuing to provide to the members the support and services you have received in the past.

One of the first changes you will notice is that the membership cards will no longer have a perforated member card but an indication where you can trim the card if you wish to place it in your wallet. To have the cards perforated is an extra step in the printing process. Eliminating this will save several hundred dollars in printing costs and allow access to a broader selection of vendors. These cards will be phased in after the existing stock is depleted.

The gold, plastic Life Member card will also be replaced. Over time, the companies producing these cards do not wish to deal with the small volume of cards QCWA needs. They are all looking to produce the large quantity of special cards. These cards will be replaced with a special, unique printed membership card for Life Members.

Costs of QCWA member supplies, for years, have included the postage for US, Canada and International mailing. These mailing costs have risen over the years and it is now necessary to make some adjustments in those costs. Postage for US mailing (US Zip codes) will continue to be included in the price. An additional fee for non-US Zip codes will be added effective for orders after January 1, 2012. The items under consideration are: caps, shirts, belt buckles and mouse pads. Badges and QSL cards already have added shipping costs identified and the vendor for wood plaques includes those costs when the item is quoted after the order is placed.

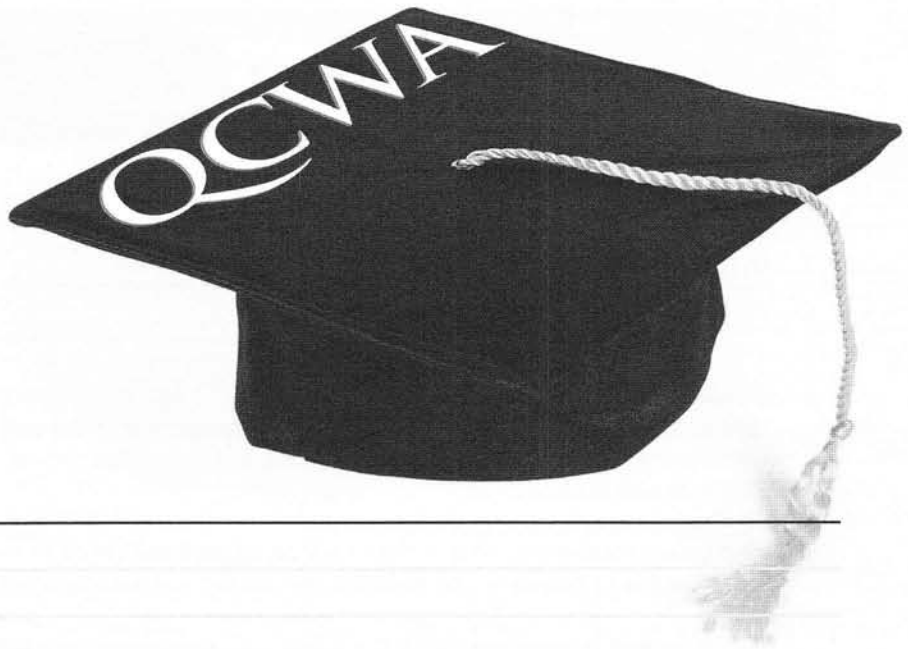
I'll be working with the Board of Directors to assess other possible cost savings as well as programs to provide additional current income as well as long-term investment and growth programs. As these ideas and plans become firm, information will be posted on the web page and email notices will be distributed via the QCWA email reflectors.

The QCWA Board of Directors established a program called the QCWA Endowment Fund, in 1999. This fund was established to provide a source of funds, independent of dues, for long-term programs, operating expenses or other purposes as defined by the Board of Directors. Frank Harris, Treasurer, has provided some ideas of how members may make contributions to that fund. If interested in any of these, you should consult with your attorney, CPA or financial advisor. (see page 13)

Jan and I send greetings and best wishes to everyone as we celebrate the upcoming holiday season!

**73 Chuck and Jan**

# QCWA Scholarship Award Winners!




**KC0YLD**
**Alex Brech**

Alex is 22 years old, and a senior at the South Dakota School of Mines majoring in Computer Engineering. Alex holds an Extra class license and is a member of ARRL. Alex is also a volunteer examiner and president of the SD School of Mines amateur radio club. Alex was recommended for the Chichester scholarship by Gary Peterson, K0CX, of the Black Hills ARC, an ARRL-affiliated club.
*Don (W6EEN) & Phyllis Doughty Family Scholarship*

**KC2NSA**
**Stephanie Schaefer**

Stephanie is a 22 year old who will be enrolling in a Master's program in special education at the University of Scranton in the fall. She graduated from Marywood University in 2010 with a degree in elementary education (mathematics and music), and is completing a certificate in teaching English to speakers of other languages at Drexel University. She holds a general class license and is active on HF SSB and enjoys meeting new people over the air and emergency communications. She won a QCWA scholarship in 2010. She was recommended for the QCWA scholarship by William Thompson, W2MTA.
*QCWA Randles $1k; Old Old Timers $1k*

**N4NJJ**
**William Freeman**

Paul is 18 and holds a General Class license. He will be a Freshman at George Mason University, planning to major in Government and International Politics, with a minor in Music. Paul would like to pursue a career in teaching and is also considering law school. He is active on VHF/UHF FM and ATV. Paul is the PIO and newsletter editor for the Lancaster ARC and is net control for the weekly net sponsored by the Tonawandas Amateur Radio Association.
*QCWA Memorial Scholarship*

**KC2PMW**
**Andrew Furlong**

Andrew is 17 and will be a Freshman at Lafayette College in Easton, PA. He plans to major in electrical engineering, with an eye toward a career in circuit design. Andrew holds an Extra Class license and is active on HF SSB and digital modes and VHF/UHF FM. He is a member of the Phil-Mont Mobile Radio Club. His father John, is KC2UT.
*Ralph Hasslinger (W2CVF) Charter Member Scholarship*

**K1RJG**
**Robert Giuliani**

Robert is a junior majoring in Health Studies at the University of Hartford where he has been on the Dean's List every semester of his college career. He is a General Class licensee and a member of the Stratford Amateur Radio Club where he participates in Field Day. Robert is an Eagle Scout and a member of the University of Hartford's track and cross country teams. Robert is recommended by QCWA member #6761, Betsey Doane K1EIC.
*QCWA Memorial Scholarship*

# QCWA Scholarship Award Winners!

**KG6ECE**
**Frederick Meyer**

Frederick is 19, lives in Soquel, California and plans to enter UC Berkeley in the fall. Having gained a first hand knowledge of practical electronics in the course of building home brew radio projects, Frederick plans to major in Electrical Engineering and Computer Science. He holds a General Class license and is active on all bands and modes, using the family ham shack. His mother, father, and sister are also hams.
*Leo Meyerson (W0GFQ) Family Living Scholarship*

**KC9SNY**
**Matthew Polsgrove**

Matthew is 17 and a recent graduate of Grayslake Central High School. He will be attending the University of Illinois in the Fall, majoring in electrical engineering. He holds a Technician class amateur radio license from the FCC which relates to his interest in technology and electronics.
*QCWA Memorial Scholarship*

**KI6KYP**
**Andrew Renwick**

Andrew is 18 and a student at the University of California, Davis, majoring in aerospace and mechanical engineering. He holds a General class amateur radio license from the FCC. His interest in amateur radio is broad and he especially enjoys long distance (DX) communications. He is also a California Regents Scholar.
*QCWA Memorial Scholarship*

**KC2LR**
**Lauren Rice**

Lauren is 19 years old, and a junior at Cornell majoring in Biological Sciences with a minor in Electrical Engineering. Lauren holds an Extra class license, participates in public service events and contests, and enjoys RTTY. Lauren was recommended for the QCWA scholarship by James Mozley, W2BCH.
*Jacobson-Keller (W3OUG & W4ZG) Family Scholarship*

**KB1LQD**
**Brenton Salmi**

Brenton is 21 and currently a student at the Rochester Institute of Technology where he is majoring in electrical engineering. He holds a General class amateur radio license from the FCC. He has a broad interest in amateur radio, including digital communications. He is also an avid mountain cyclist and a drummer.
*QCWA Memorial Scholarship*

**KB1LQC**
**Bryce Salmi**

Bryce is 21 and holds an Amateur Extra class license. He is a senior at the Rochester Institute of Technology (RIT), majoring in Electrical Engineering with intent to pursue a career in RF design. Bryce is Vice President of the RIT radio club and is a member of the Police Amateur Radio Team in Westford, MA. Bryce and his twin brother, Brenton, KB1LQD, are the co-founders of the College Amateur Radio Club Association. He is active on all modes on HF, VHF, and UHF. Bryce is an avid mountain biker and is a musician.
*QCWA Memorial Scholarship*

**KJ4PLS**
**James Schwoebel**

James is 19 and a student at Georgia Institute of Technology majoring in biomedical engineering and biochemistry. He holds a General class amateur radio license from the FCC and he enjoys contesting as well as the technical aspects of amateur radio.
*QCWA Memorial Scholarship*

**KC0QIO**
**Jack Short**

Jack is 24 and a third year student at the University of Missouri School of Medicine. Jack holds a Technician Class license, enjoys Field Day and has been active with several Kansas City area clubs. Jack is recommended by QCWA member # 22695, Dale Huffington AEØS.
*Alfred Burke (W3VR) Memorial Scholarship*

**KC8IOY**
**Stephen Simpson**

Stephen is 21 years old, from Ocala, FL, and a graduate student at the University of Florida Gainesville majoring in Electrical and Computer Engineering. Stephen holds an Extra class license and enjoys digital modes and satellite communications.
*Travis Baird (W9VQD) Memorial Scholarship*

vintageTEK

# Are You a Tektronix Ham?

**Portland, Oregon, September 12, 2011**

A museum for vintage Tektronix equipment and memorabilia from the Tektronix heyday, 1946-1985, will open for Public Viewing Friday September 16, 2011, and Saturday September 17, 2011 at 9am, and Fridays and Saturdays following.

Our website can be viewed at www.vintagetek.org

Technical volunteers have been working since 2010, repairing and refurbishing instruments for display. Our volunteers consist primarily of ex-Tektronix design engineers, technicians, and marketing personnel, but also include vintage Tektronix equipment aficionados that were customers, who are refurbishing classic instruments as well.

Our potential inventory consists of more than 1,500 instruments donated by Stan Griffiths Co-Founder, and approximately 375 donated instruments by ex-Tektronix employees, along with a large supply of parts, accessories, and manuals.

Future museum programs include a Geek Academy (Saturday school for analog design projects for 5th and 6th graders) We have affiliations with County and State schools providing project kits for hobbies with an analog design tie in, and plans to raise endowment funds for a University level chair in Analog design.

The Museum will also be establishing a vintageTek Store, to sell vintage equipment items that have been donated, and not needed for display, including non-Tek test equipment.

In addition, we have plans, to repair and refurbish, a limited quantity of classic Tektronix instruments belonging to the general public, in exchange for donations toward the operating expenses of the museum. These will be premium priced services, intended to help collectors make their instruments look like new, and operate as close to new catalog items as possible, as a labor of love, and not as competitors to the T&M service industry.

The vintageTek Museum is located at 4620A SW Beaverton Hillsdale Hwy, Portland, OR 97221. For local visitors, this is west of OREGON Hwy 217, between Shattuck Rd and SW 45th. Parking is available in the East parking area, and behind the building. On street parking is limited to 30 minutes.

Visit our website at www.vintagetek.org Become a Museum Member on our Join Us page: http://www.vintagetek.org/registration/

A Museum of vintage Tektronix instruments

**Portland, Oregon, September 12, 2011 (cont)**

vintageTek was founded by two ex-Tektronix employees in 2009, Stan Griffiths, and Ed Sinclair. Both are former Tektronix Field Engineers, with a love for Tektronix vintage instruments.

Stan and Ed are Board Members, and have expanded the Board to include Larry Mayhew, and John Winkelman, who are also ex-Tektronix employees and former executives.

Major contributors include The Vollum Family, The M.J. Murdock Charitable Trust, John Kobbe, Gary Hoselton, and many others who have made the museum a reality. We also extend our thanks to the dozens of volunteers who have helped refurbish our space and instruments, and continue to support us with their donations.

Admission to the museum is free, and donations will be encouraged and appreciated.

**About vintageTek.org**

vintageTek.org is a 501(c)3 public charity, supported by donations from our museum visitors, and supporters. vintageTEK was formed as a non-profit educational organization to raise funds through donations of money, land, buildings, and other valuable and tangible items for the purpose of displaying vintage Tektronix, Inc instruments, photographs, memorabilia, histories, and personal anecdotes over the period of the company's founding, hypergrowth, and market share dominance eras, approximately 1946-1985.

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Stan Griffiths
Board Member and Founder
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stan@vintagetek.org

**Location**

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**Website**

www.vintagetek.org

# Rules and Regs Digest

John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

## What MUST A Ham Know?

***DISCLAIMER:*** *Opinions expressed by the authors of articles contributed to the Journal do not represent the official position of the Officers or Directors of the Quarter Century Wireless Association, Inc.*

**Q. What MUST a ham know?**

**A.** That is a decision made by our volunteer examiners (VEs) and volunteer-examiner coordinators (VECs). Their conclusion as to what a ham should know - in places where the amateur service is regulated by the FCC - is that which is maintained in their pools of over 1600 questions. Included are questions about our regulator's rules (15%); our good amateur and good engineering practices (24%); and those technical fundamentals necessary to making meaningful those rules and practices (60%). A successful examinee must prove that he or she can answer correctly at least 75% of their questions.

It doesn't seem to matter to many administering VEs, however, which 25% of the questions their examinee has incorrect knowledge. Just exactly what every ham must know absolutely, therefore, is irresolute.

Additionally, Section 97.107 authorizes a non-citizen of the United States ("alien") holding an amateur service authorization granted by the alien's government to be the control operator of an amateur station located at places where the amateur service is regulated by the FCC, provided there is in effect a reciprocal operating arrangement, to which the United States and the alien's government are parties, for amateur service operation here on a reciprocal basis. So, whatever it is that an amateur operator in some foreign country must know is close enough for a non-U.S. citizen to know here.

**Q. Where exactly in the FCC rules does it say what it is that a person needs to know in order to obtain an amateur operator license?**

**A.** That is codified in Section 97.501 and Section 97.503. They say that the examinee must pass an examination such as to prove possession of the operational and technical qualifications required to perform properly the duties of an amateur service licensee. Each examination must be comprised of a question set concerning the privileges of the operator license class sought. They are:

Element 2: Technician Class operator
Elements 2 and 3: General Class operator
Elements 2, 3 and 4: Amateur Extra Class operator

**Q. Don't the FCC exams cover everything?**

**A.** They cover what is considered by our VEs to be necessary to being granted a FCC license. Our regulator, however, hasn't prepared or administered our examinations since 1983; that is the job of our VEs. Section 97.507(b) requires that each question set utilize questions taken from our VECs' applicable question pool. Section 97.523 says that all VECs must cooperate in maintaining these pools.

There must be at least 1200 questions distributed among the three pools: Technician 350; General 350; and Amateur Extra 500. The questions in the VECs' pools, therefore, establish what it is that a person needs to know in order to be the station licensee or control operator of an amateur station transmitting from any place where the amateur service is regulated by the FCC, with the privileges of the class of operator license grant held.

The allocation of the questions in their pools, moreover, indicates what our VEs and VECs deem to be the most suitable privileges for each operator class, under any type of conditions. In particular, it is noticeable that they consider Technician and General Class Operators to be authorized far too many privileges, notably excessive transmitter power limits, unwarranted emission type privileges and unsuitable special operations privileges. This is evidenced by questions concerning Technician Class operator and - to a lesser extent - General Class operator, privileges appearing only in the higher level pools.

**Q. Where are those good amateur and good engineering practices stated?**

**A.** Some appear throughout our VECs' three question pools. See BE informed No. 30 for a list of GAPS and GEPS that is being compiled.

**Q. By pool question G1B12, examinees are being instructed - incorrectly - that the FCC sets all of our design standards and operating practices beyond the rules adopted through rulemaking. Such, however, is not supported by the cited Section 97.101(a): In all respects not specifically covered by FCC Rules each amateur station must be operated in accordance with good engineering and good amateur practice.**

**A.** Your observation is correct. That question asks:

G1B12. Who or what determines "good engineering and good amateur practice" as applied to the operation of an amateur station in all respects not covered by the Part 97 rules?

A. The FCC
B. The Control Operator
C. The IEEE
D. The ITU

The VECs' suggested answer "A" is misleading. Our good engineering and good amateur practices are established by our amateur service community, as confirmed by questions G1B08 and G2B07. Those two questions are both identified as being good amateur practices, yet there is no citation to any rule. They are declared to be good amateur practices only because they are considered as such by our question-preparing VEs.

There are 189 questions in the Element 3 pool concerning our amateur service practices; presumably they are there because they are "good." All of them should have come from our amateur service community. BE Informed No. 5.1, therefore, recommends that the VEs accept only the correct answer - Our amateur service community - or administer a different question from Sub-element G1 that is more pertinent to proving that their examinee has General Class operator knowledge of antenna structure limitations, good engineering and good amateur practice, restricted operation and retransmitting radio signals.

**Q. What types of questions do the pools contain?**

**A.** Our VECs have arranged the questions into 10 sub-elements for each of the three classes of operator license grant. Here is an overall summary:
Rules - 14.1%
Procedures - 11.7%
Circuits, equipment - 11.7%
Antennas, feed lines - 11.7%
Electrical components - 10.8%
Practices - 10.0%
Electrical principles - 9.1%
Modulation - 8.3%
Propagation - 7.5%
Electrical power, RF hazards - 5.0%

**Q. But, what does an amateur operator REALLY need to know?**

**A.** There are at least two very diverse standards for that.

Standard One comes directly from Section 97.503. It has the objective of expanding our reservoir of trained operators, technicians and electronic experts. The examinee must prove that he/she possesses the operational and technical qualifications required to perform properly the duties of an amateur service licensee. A person must have those qualifications in order to enjoy our hobby fully and serve the purpose for which it exists, i.e., self-training, intercommunication and technical investigations carried out by amateurs, that is, duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest.

Standard Two comes from the contemporary objective of having as many people as possible with license grants. The examinee need only be able to give the correct answers to the minimum number of pool questions required to pass. One argument is that it only matters what you do after you get your license, not on how you go about obtaining it. Cutting corners should, apparently, be expected and tolerated.

**ARE EXAMS REALLY NECESSARY?**

For over 27 years, under agreements with the FCC, our volunteer-examiner coordinators have recruited and accredited the tens-of-thousands of volunteer examiners who prepare and administer our examinations. Our fourteen VECs have assembled themselves into the National Conference of Volunteer Examiner Coordinators, for which W3BE has served as Vice-Chairman. The following is from his report to the 2011 annual NCVEC conference held on July 29 in Gettysburg, PA.

Examinations are to enable our VEs to verify that every licensee is properly qualified for the privileges of an amateur operator license grant in places where the FCC regulates our amateur service. We will presume that everyone here believes strongly that examination is absolutely necessary.

As you contemplate that presumption, please be mindful that our VEs make examination opportunities conveniently available practically everywhere. Consider also that our VECs do a splendid job in making known the content of our question pools. As it stands, when a person is even minimally qualified, he or she should have no difficulty in scoring at least our anemic D-minus passing grade.

But we know that not everyone shares our view. This divergence has to be addressed from time to time when we are challenged with arguments against our examinations and schemes to bypass them. They all have that one objective in common: make the exams go away for one group or the other who want access to our valuable radio spectrum.

You may have read the answers to some of these arguments. Here are some of the most popular that have been received and how they have been answered.

**Q. We want as many people as possible with FCC licenses. Those burdensome exams frighten away too many potential grantees and are bad for business. The naysayers predicted that doing away with the CW exams would ruin the hobby. That did not happen, just as it also would not happen were those written exams to disappear. Must we really have exams?**

**A.** Yes. Section 97.501 says that each applicant must pass an examination for a new amateur operator license grant and for every change in operator class. Each applicant for each class of operator license grant must pass, or otherwise receive examination credit for, certain examination elements. The International Telecommunication Union Radio-communication Assembly, additionally, recommends that administrations take such measures as they judge necessary to verify the operational and technical qualifications of any person wishing to operate an amateur station.

**Q. The ITU recommendation is just that: a recommendation. It does not even suggest written examinations. So, can't the FCC change its rule?**

**A.** Yes, it does have that flexibility. The Communications Act likewise does not stipulate examinations, per se. It only requires our regulator to prescribe the qualifications of station operators; classify them according to the duties to be performed; fix the forms of such licensees; and issue them to persons found to be qualified. Our regulator, therefore, would have to decide that some different way - other than our written examinations - is preferable when finding a person qualified to hold an amateur operator license grant.

**Q. It is outdated reasoning that examinations are necessary to assure that hams will not construct interference-causing stations. That home-brewing era of circuit diagrams, piece parts, and soldering irons is history. Very few U.S. hams construct or repair their apparatus. They depend almost completely upon foreign-produced apparatus.**

**Those 74% passing grades underscore the futility of the examinations. It means that whichever one-quarter of our licensees' knowledge can be erroneous. The VEs are typically unconcerned about what it is that their examinee has just proven to have a flawed awareness. They seem to stand aloof from the content of your question pools bank of needed knowledge.**

**Emphasis on the technical aspects of amateur radio is giving way to shoring up operational shortcomings for professional emergency communicators. Technical knowhow is irrelevant for them. Can't applicants just sign a statement of knowledge of the FCC rules?**

**A.** Possibly. The precedent is FCC Form 605 and NCVEC Form 605. They both require signing, among other things, this statement:

I certify that I have read and will comply with Section 97.13(c) of the Commission's Rules regarding radio frequency radiation safety and the amateur service section of OST/OET Bulletin Number 65.

[Non-U.S. citizens authorized by Section 97.107 are exempt from signing the preceding RF radiation safety statement.]

The ITU Radiocommunication Assembly, however, recommends that any person seeking a license to operate an amateur station should demonstrate theoretical knowledge of international and domestic radio regulations; radiotelephony, radiotelegraphy, and data and image methods of radiocommunication; transmitter, receiver, antenna and propagation and measurements radio system theory; radio emission safety; electromagnetic compatibility; and avoidance and resolution of radio frequency interference.

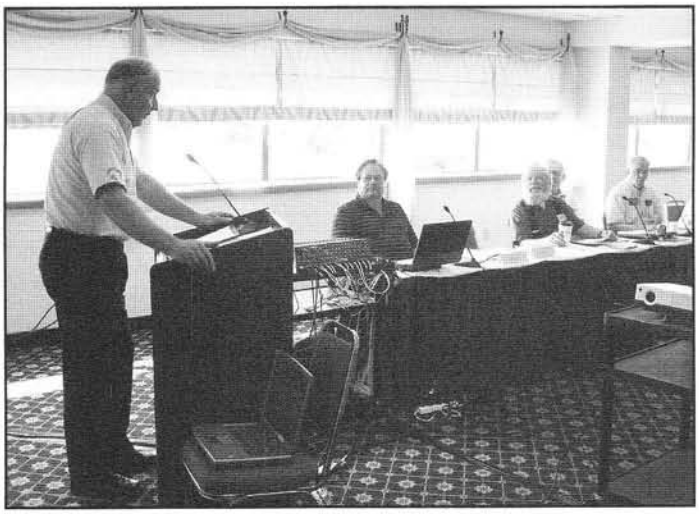
Our examination system, moreover, enables our administering VEs to follow-up with each successful examinee at each exam session. They can timely review all questions missed and remedy any misunderstandings that their neophyte may have.

**Q. Nothing is more important than safety of human life. If signing a certification is the right way to determine whether the person has actually read and truly understands something as vital as the RF safety rule, it must likewise be the right way to determine whether the person has read and understands all of the rules and it should apply universally to everyone – citizen and non-citizen alike – who causes or allows an amateur station to transmit from a place where our amateur service is regulated by the FCC.**

**A.** Section 97.501, however, says that each applicant must pass an examination for a new amateur operator license grant and for each change in operator class. Our VEs are responsible for preparing and administering those examinations. Our VECs' question pools, moreover, do contain several questions on RF safety.

**Read the rules - Heed the rules**

Have a question about the amateur service rules? Visit http://www.w3BEInformed.org and e-mail: john@johnston.net.



*FCC's Bill Cross presents his report to the 2011 NCVEC Conference.*

*Chairman Larry Pollock, NB5X, presiding at the 2011 NCVEC Conference.*

# The Board of Directors Invites You to Join the "QCWA LEGACY SOCIETY"

**Membership in the "Legacy Society" requires a statement of intention to provide a gift to the QCWA Endowment Fund.**

**There are a number of ways in which you can make a bequest, including the following techniques. Remember that QCWA and its Board of Directors cannot render legal or tax advice. Please consult your attorney, CPA, or financial advisor.**

**Bequest of Cash or Property**
An outright bequest of cash or property, such as shares of stock or a piece of real estate would transfer the property at your death. A provision in your will might read as follows:

*"I bequeath to the QCWA General Manager, and Board of Directors of QCWA the following property _____ to be used for general purposes."*

**Residuary Bequest**
By using this technique you can leave all or a percentage of remainder of your estate after you have provided for your family and other specific beneficiaries (after taxes and expenses have been paid). A provision in your will might read as follows:

*"I bequeath all (or_____ percent) of my residuary estate to the General Manager, and Board of Directors of QCWA."*

**Contingent Bequest**
QCWA can also be included as a beneficiary if your named beneficiaries (such as family and loved ones) predecease you A provision in your will might read as follows:

*"I bequeath to my son, John Doe, the sum of $_____ , and in the event he shall predecease me, I direct this sum to be paid to the QCWA General Manager, and Board of Directors of QCWA."*

**Other Types of Gifts**
**Life Insurance.** You can name QCWA as the beneficiary, in whole or in part, of an existing life insurance policy.

• **Retirement Plans.** Most tax-deferred retirement plans, such as a 401(k) or IRA permit you to name an organization such as QCWA as the beneficiary or all or part of the total amount.

• **Charitable Annuities or Remainder Trusts.** Gifts can also be made that will provide income to the donor for life, followed by a gift to QCWA.

• **Life Estate Gifts.** Property can be transferred to QCWA in such a way that the donor retains the right to use the property or the income for life.

• **Restricted Bequest**
Unrestricted gifts are the most flexible and useful way to provide for QCWA because the Board of Directors can use the funds to meet whatever need is most urgent at the time the gift is received.

A restricted bequest designates a specific fund at QCWA such as the endowment or operating fund. We urge you to consult the GM QCWA before including such a gift in order to make sure the language is flexible enough to allow for the possibility that the program may discontinued or priorities may change. The following provision would be useful to accommodate such contingencies:

*"If any time, at the discretion of the Board of Directors of QCWA, this bequest shall no longer be considered necessary or appropriate for the stated purpose, the Board of Directors of QCWA shall have the authority to designate its use for another purpose that, to the extent possible, closely honors its original intention."*

We hope you will consider becoming a member of the QCWA Legacy Society.
**Frank C Harris, Sr., WA4PAM, Treasurer & Member of Finance Committee**

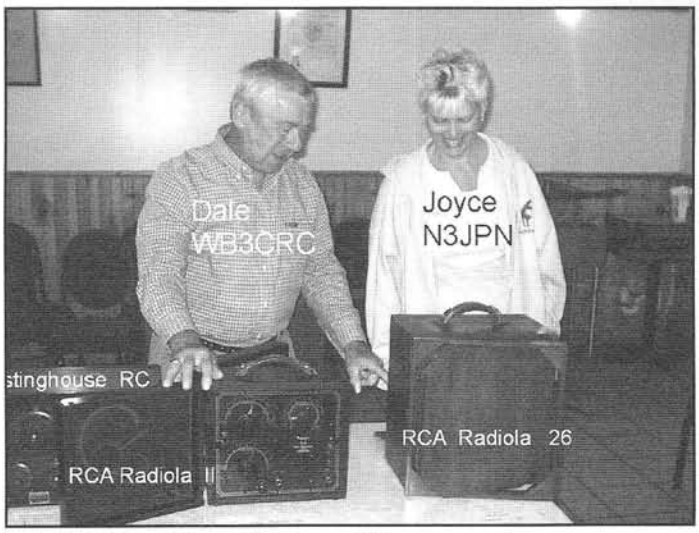
# CHAPTER reports

***Please send the reports to: Chuck Walbridge, General Manager, to arrive NO LATER than the following dates: January 1 for Spring, April 1 for Summer, July 1 for Fall and October 1 for Winter. Reports received later than the deadline may not be published in the Journal! See below for Chapter Report submittal requirements!***

## Chapter 6, Pittsburgh (PA)

Pittsburgh's Chapter 6 held its quarterly meeting at Rocky's II in McKees Rocks, PA on September 17th. Our meeting began with a moment of silence for Silent Key, Jacqueline Gosselin, N3ZEL, whom we lost in early July. As is our custom, Chapter 6 will be sending a contribution to the QCWA Scholarship Fund in the name of Jackie, N3ZEL. In other business, a slate of officers was nominated for the upcoming election in December for the 2012 term.

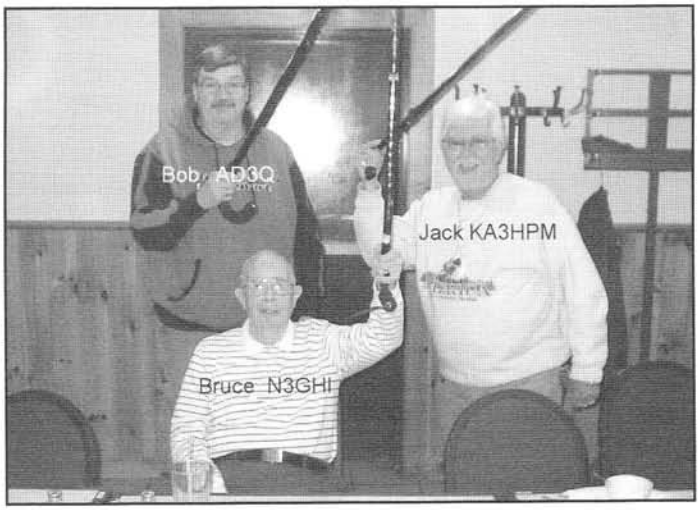
For our program, a presentation was done on early portable radios from the 1920s. From 1921 we looked at the Westinghouse RC regen set which was utilized on the New York City tugboat fleet in the early 1920s. Also featured was another regen set, the RCA Radiola II from 1923. The Radiola II was truly portable in that it ran off dry cell batteries, and it even had a custom leather handle along with a place to store one's headphones. Finally, from 1925 came the Radiola 26 Superhet receiver. The Radiola 26 ran off dry cells which were neatly stored in the back of the radio. The Radiola 26 also had a loop antenna cleverly built in a rotating section of the cabinet for improved reception, and also featured a convenient leather handle for carrying the set. All three sets which were priced between 85 and 225 dollars (in the early 1920s! ), and provided a stark contrast to what is available today.




***Dale, WB3CRC, and Joyce, N3JPN, view 1920s vintage receivers.***

Chapter 6 meets on a quarterly basis, and interested amateurs can get details by contacting Brian Roberts, K9VKY, directly, or by checking into the Sunday morning net. That net meets at 0830 prevailing time on 147.03 and is hosted by Bruce Murray, N3GHI. All are welcome.

***Brian Roberts, K9VKY***




***Bob, AD3Q; Bruce, N3GHI; and Jack, KA3HPM, raising Cain at Chapter 6 meeting.***

## Chapter 8, Upper Midwest (MN)

We just enjoyed our first meeting at the new digs. After the Ft. Snelling Club abruptly closed last spring we tried two other venues and settled on the Eagles Aerie #34 at 2507 E 25th St , Minneapolis as the best choice. They

***ATTENTION! QCWA Chapter Report Guidelines:*** All Chapter reports will need to follow these limits set by the Publications Standing Committee: ***500 words and two photos maximum***. When taking photos, group together those receiving awards rather than individual photos. Those can always be posted on a Chapter webpage. **We do NOT guarantee that all photos submitted will be used!** When a Chapter report is submitted, please include the Chapter number in the title and then the subject line of your email and with any photos submitted. ***Don't forget to send us photo CAPTIONS!*** Preferred formats for the reports are: Word (.doc), rtf or plain text. Photos should be a **minimum** of 4 inches wide, grayscale format and at 200dpi. Larger is fine as they can be scaled down. .JPG or .TIF format is best.

are centrally located, have a new A/V system in the meeting room and serve a great lunch!

We had 13 members in attendance to watch an excellent presentation covering some of the Ham-related videos that are on the web. It was presented by Ralph Bierbaum, NØAWN.

We meet on the 3rd Saturday every other month from September through May. Check our website for the location, date and time of our Holiday Party. Our May meeting is usually shifted because of Dayton.

Our net meets Saturday morning on 3.908 Mhz at 0800 central time. Baldy, WØOFY, is the NCS.

Check the Chapter 8 webpage for information and pictures: http://www.qcwa.org/chapter008.htm.

Silent Key: Jim Stodolka, WØTIV, became a Silent Key on July 31st. Jim, Q# 5806, was the ninth person in Minnesota to have a ham radio license. He was active on all bands and was also a member of OOTC #2343 and the Minnesota Wireless Association. During WWII he was a B-25 flight instructor.

***Bob Roske, NØUF, Secretary***

## Chapter 18, Findlay Area (OH)

The Findlay Area QCWA Chapter #18 met at Southside Family Restaurant in Findlay Ohio, on September 17, 2011. Eight members and one spouse were present.

Conversation revolved around the recent Findlay Hamfest. Bill Kelsey, N8ET; and Jay Edel, WN8HHJ, were very involved in the operation of this year's hamfest on September 11, 2011. A brief Memorial Service was held just before the Hamfest began, with Boy Scout Troop #338 raising the flag and bringing it to half mast in honor of those who lost their lives on September 11, 2001. It was the 69th Annual Findlay Hamfest sponsored by Findlay Radio Club, W8FT, and had approximately 1,300 in attendance.

***In the picture, left to right were Rick Flowers, AA8IV; Dick Davies, K8IVP; Joey Brown, YL, Joe Brown, WB8MSJ; Dick Corbin, W8IYC; Duke Curry, W8AFR; Bill Kelsey, N8ET; and Gary Valentine, N8GIL. WN8HHJ took the picture.***

Joe Brown, WB8MSJ, shared a recent article in CQ VHF Magazine that his son, Bill Brown, WB8ELK, (a contributing editor to CQ) had written.

Gary Valentine, N8GIL, requested a membership application for QCWA National.

President Jay Edel, WN8HHJ, announced that an awards breakfast has been slated for Saturday, November 12th, at 8:30 a.m. QCWA members who have been licensed for more than 50 years will be recognized. The breakfast will be held at Southside Family Restaurant, 3050 South Main Street in Findlay, Ohio. All amateur operators are encouraged to attend. Please contact WN8HHJ at 419-957-5444, or at jayedel@aol.com for more information.

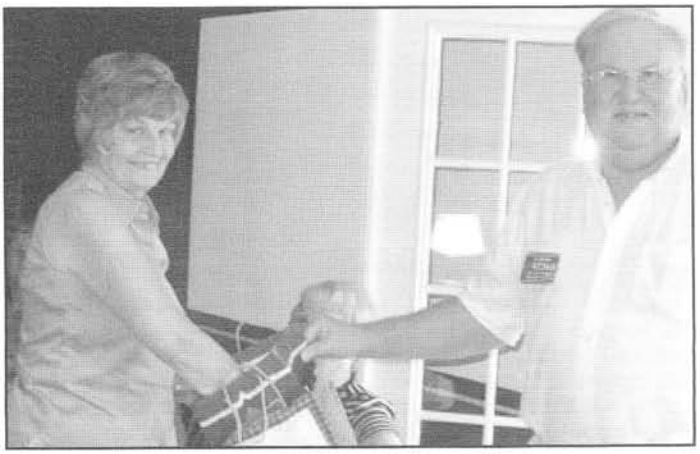
***Jay Edel, President, WN8HHJ***

## Chapter 20, Chesapeake (MD)

The Chesapeake Chapter gathered for its annual summer picnic at the home of John and Betty Johnston (W3BE/N3PKX) on June 20. There was a lot of good food and fellowship. A 50-50 raffle was held, with the winner being KB3IKD.

The Chapter has made a contribution to QCWA Headquarters in memory of Chapter 20 members who were SK during 2010. We also lost two members this year: Jules/K0ZMA, and Bill/W3QFF. Contributions were made to charities in their memory.

The Chapter meets every Monday at 1100 for lunch at the Golden Corral Buffet near the Arundel Mills Mall in Hanover, MD. Members are encouraged to bring their spouses on the first week of the month. We also have a weekly net on 146.76 MHz every Thursday starting at 2000 local time. Net Control station is KR3AB. All are welcome to check in. To receive our Chapter Newsletter,



***50-50 Drawing...Betty Johnston/N3PKX and Al Brown/KZ3AB.***

*Chapter 20 Members at the June Picnic. The next picnic was on Labor Day.*

send an e-mail to kenmckee@aol.com, or stop by our QCWA table at any hamfest.

***Russ Slye, N3GT, Secretary***

## Chapter 25, Nebraska (NE)

Chapter 25 Board members met June 18 in the beautiful Peter Kiewit Lodge at Mahoney State Park in Eastern Nebraska.

They approved a $200 scholarship for Jordan Peterson, of O'Neill, NE, a Musical Theater Junior at the University of Nebraska at Kearney. An avid pianist, Jordan comes from a family of Hams and learned Morse Code listening to her grandfather and sponsor, Hugh Dunne, KWØR, of Gering, NE.

They also approved a $200 scholarship for Sara Pizzo, of South Sioux City, NE, a Class of 2012 Dental Assistant student at Western Iowa Tech. Sara plans to transfer to South Dakota State University's Dental Hygiene program. She was sponsored by her grandfather, Mike Nicholas, NFØN, of South Sioux City, NE.

Chapter 25 provided door prizes for the 50th Annual Victoria Springs Hamfest & Steak Fry, the last weekend of July near Anselmo, NE, and also honored the half-century Hams in attendance (see photo).

*Four Nebraska Hams were honored for 50-plus years of service at the July 30-31 Victoria Springs Hamfest and Steak Fry (L-R): Chapter 25 Board Treasurer Skip Miller, WØKVM; Board member Art Zygielbaum, KØAIZ (50 years); Ed Loeffler, WØEJL (50 years); Board member Steve May, WAØASM (50 years); and Board Secretary Kurt Bauer, WBØAEA. Absent, but honored, was Dave McLaughlin, WØZY (50 years). Photo courtesy WØKVM.*

In addition, the first copies of a new eight-page QCWA booklet, "Welcome to Amateur Radio," were distributed there. Written by Chapter 25 Board member Bob Mitchell, WBØRJJ, this booklet will be available for newly licensed Hams across Nebraska.

Board members met again September 24 at Mahoney State Park to discuss staffing of a table at the March 17, 2012, Lincoln Hamfest; to appoint a Nominating Committee for the 2012 Board; and to discuss plans for giving Chapter 25 a higher profile and greater outreach. Chapter President Reynolds Davis, KØGND, was presented a certificate honoring his 55 years in Amateur Radio.

***Bob Mitchell, WBØRJJ***

## Chapter 29, Finger Lakes (NY)

Chapter 29 meets the last Friday of every month at Denny's Restaurant on S. Bay Road in N. Syracuse at 11:30am. Please join us if you are in the area.

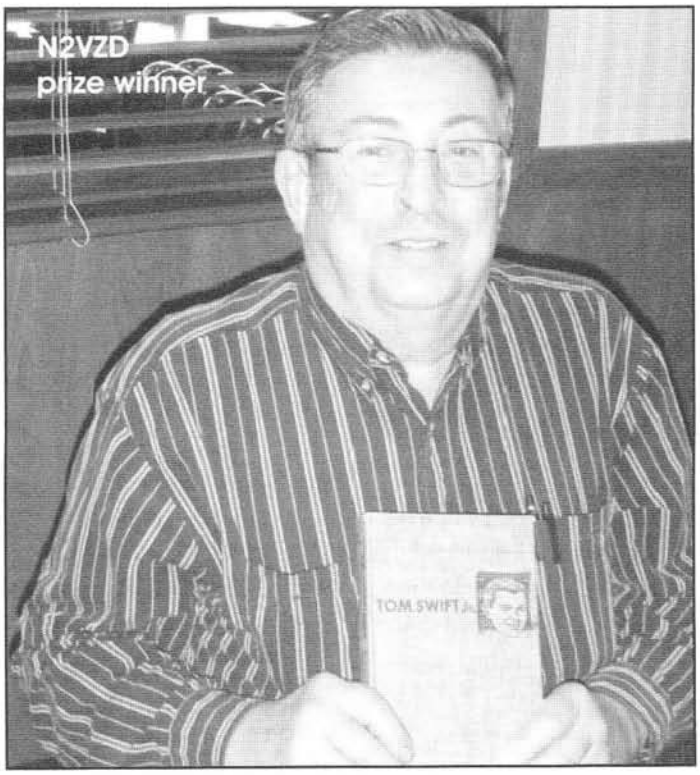
WB2YGN called the July meeting to order at 11:25am. We were glad to have KA2IVK back with us after his hospitalization, and the presence of his daughter was an added "bonus." It was also a pleasure to see W2IH again as it's a pretty long haul from his QTH in Ithaca. W2TYO let us know that he had talked to W2AK on the phone before the meeting and Charlie told Bill that he had just returned home from the hospital where he had been treated for pneumonia.

K2JDD brought in two interesting items that he is in the process of restoring. The first was an Edison Battery, circa 1920s. It was interesting to examine as it consisted of 140 individual cells wired so as to produce a number of B+ and C voltages. A question was raised as to what chemistry the battery used. An internet search revealed that each cell has an iron anode and a nickel oxide/hydroxide cathode in a potassium hydroxide electrolyte solution.

At the August meeting there was sort of a milestone as we used the last page in the spiral-bound sign-in book. We went back and looked at the first entry which was for December 31, 2004 – back when we were still meeting at Weber's Restaurant (before it became a soul food restaurant).

Coming back to the present, WB2YGN called the meeting to order promptly at 11:30am. The first announcement was that Sharon, KA2TNK, has taken over from K2JDD who is experiencing some health problems. A card for K2JDD was circulated and signed by those present. Hurry back Jack!

*K2QJB holds a crystal set he received as his prize!*




*N2VZD, Tom Swift Jr. holds his book prize!*

N2TKX had returned from the AWA Convention and talked briefly about it. WB2PEM noted that John Gonroff-NT2D and his XYL were in town but unable to attend the meeting. WB2NOG told us that he is the net control on Monday, Thursday and Friday for a net that meets on 3.925 MHz, 6pm, 7 days a week and encourages us to check in. Since this meeting we regret to say that WB2NOG became an SK. N2VZD won the 50/50-raffle when his ticket was drawn by K2RTG; the waitress drew WB2NOG's ticket for an antenna book; and WB2NOG drew WB2PEM's ticket for an MFJ 2M J-pole antenna.

There was a near-record crowd of 28 at our meeting on September 30th so John McKee, WB2YGN, called the meeting to order a little early at 11:10am. WB2YGN told us how he and his wife had driven through Shanksville, PA, on the way home from a short vacation and they stopped at the memorial to Flight 93. WA2DGC mentioned that he had talked to Jack Roubie-K2JDD recently, and K2UPI chimed in with additional information on Jack.

Thanks to N2TKX, Steve, for most of the above information.

***Al May, WA2KFV***

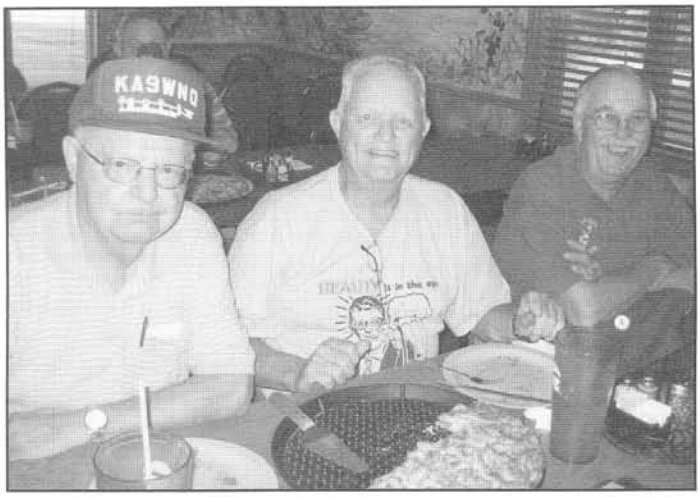
## Chapter 36, Northwest Indiana (IN)

Well, summer is waning fast and leaves are already changing (and falling!) here in the mid-west as we are preparing for winter once again. All of us at Chapter 36 wish all of you a very happy and safe holiday season this year. We also deeply thank GM, Chuck Walbridge, K1IGD, and his family for their support since getting Chapter 36 off the ground again a few years ago. All the best, Chuck!

We have had great fellowship and meals this past quarter, as well as excellent show-and-tell items. Our Chapter does not have fixed meetings, but instead moves around between several local counties, sometimes visiting new restaurants and sometimes returning to a few of our favorites. Meeting information is always on our website and Facebook page as it becomes available, and we have an email mailing list to notify of meetings or other upcoming activities.

Bruce Balsley, W9OTN, is one of our most regular contributors to show-and-tell. In September, he brought a beautiful U.S. Navy antenna coupler, RF Communications Model RF-302, probably manufactured in the early 1950s. The manual is stamped with the serial number matching that on the coupler, so both are the originally produced items. Perhaps most impressive of all was the condition, which can only be described as pristine! Other items brought throughout the quarter include a tiny USB stick with 4 GB capacity by Stan Vandiver, W4SV; a set of old photos of Lake County hams from the collection of Jim Harney, KF9EX, a home-built audio frequency generator made by Gary Cave, WA6UOO, and an excellent grounding bus bar made of copper pipe and a 10/11 meter mobile antenna (rated at 2500 watts) by Levi Mayes, WB9CAO.

A new alumni group recently appeared on Facebook for the Valparaiso Technical Institute in Valparaiso, IN. This




*(L-R) Dave Reberg, KA9WNQ; Ron Broviak, WA9RON; and Tom Troike, W9QN.*

*Lila (N9ESS) and Carl (W9CJH) Hallberg.*

school (originally Dodge's Institute of Telegraphy) has a very long history in northwest Indiana beginning in the late 1800s. Gene Wiggins, W9CWG, our Chapter's only QCWA Century Award holder, graduated there along with many other veterans after WWII. Gene returned to VTI as an instructor in 1953 and remained until the school closed in 1991. Many young men and women came from all over the country to attend this prestigious school, and we are fortunate to have a number of former students on our Chapter 36 roster. If you are an alum of Valpo Tech, or know someone who went there, please let them know about this site. You can use the Facebook search bwww.facebook.com/groups/127027165808/. Thanks.

Please see our website for full details and photos (www.chapter36.org). You can "Like" us on Facebook too, at www.facebook.com/QCWA36.

***Stan Vandiver, W4SV, President***

## Chapter 38, San Antonio (TX)

Greetings from the city of The Alamo, San Antonio.
For the July presentation, our Chapter deviated from the usual radio discussion and instead we had a presentation entitled "Water Management". This was a very interesting presentation and was delivered to a full house. This topic was of utmost importance to the audience since Texas has had a drought for quite some time now. The presentation was delivered by Mr. Gregorio (Greg) Flores III who is a native of San Antonio. Mr. Flores serves as Vice President of Public Affairs for San Antonio Water System (SAWS) so he was very knowledgeable and expertly prepared for the presentation. The audience thoroughly enjoyed receiving the information.

For the August presentation, we had another very qualified speaker, Bob Rodriguez K5AUW, who enlightened us with "ARES, RACES and All Those ABCs". Bob went all the way back to World War II and the War Emergency Radio Service (WERS) where the Radio Amateur had to register with City Hall and all would operate under the jurisdiction of the city all with the same call sign. The only operation allowed was for emergencies, drills or tests. He went on to explain more in detail Amateur Radio Emergency Service (ARES) and also discussed Radio Amateur Civil Emergency Service (RACES). He informed all the audience that the repeater on 147.18 has a regular net and the repeater on 146.94 also includes weather and Skywarn. Bob is presently ARES Emergency Coordinator for Bexar County. Ernie Reich W5FQA also reminded the audience that the HF emergency net is on 3.873 and 7.285.

For the September presentation we once again had an excellent speaker, Mr. Gary Koepp, who spoke on "AC Power Line Interference". This is always a topic of interest to all Radio Amateurs as we are all exposed to it at one time or another. Mr. Koepp's background includes

*Bob Rodriguez, K5AUW.*

Distribution Lineman Trainee, Electric Serviceman Trainee, Revenue Theft Investigator, Power Quality Specialist and his present job is System Reliability Voltage Specialist. With that background it was no surprise that he had a wealth of information that interested all present.
This wraps up our presentations for this report. We were indeed very fortunate to have had three excellent speakers with excellent presentations.

***Chetto Cumpian ,WB6BIE, Secretary***

## Chapter 46, Founder's (NY)

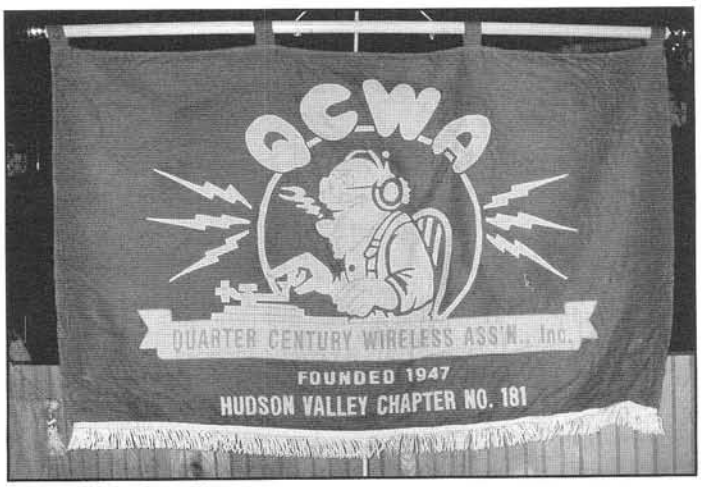
Founder's Chapter 46 held its annual meeting at the San Martino Ristorante in Yonkers, New York on Saturday, June 18, 2011. This was a joint meeting with Hudson Valley Chapter 181and the Council of Northeast Chapters of QCWA (CONEX).

The Founder's Chapter is the renamed Metropolitan Chapter of the QCWA. See the attached photo of the original banner. Initially, it was only the QCWA logo and did not get a chapter number until later, Chapter 46. Meetings were attended by hundreds.

Lunch was served and enjoyed.

Special guest, Tom Rafaelli,WB2NHC, then gave a power-point presentation of Emergency Communications in Westchester County, New York. Tom is the Communications Chairman at the Westchester Chapter of the American Red Cross. He also is the ARRL Emergency Coordinator and the RACES Radio Officer for Westchester County. He also serves as the Director of Emergency Services of the Westchester Emergency Communications Association (WECA).

This is the same presentation Tom gives to Red Cross workers. He emphasized that hams provide emergency communications for the county at a moment's notice, at their own expense and with their own equipment. He told the story that after the 9/11 catastrophe, hams from the region provided the only communications between the police, fire fighters and other emergency services, who were unable to communicate with each other because of their different operating frequencies. Each emergency services leader had a ham communicator 24/7 to provide communications among the various emergency services.



***Hudson Valley Banner!***

Sy Yuter, W2NBT, gave the Treasurer's report for Secretary-Treasurer Frank Lauri, W2IX, and we are in fair financial health. Fifty dollars was voted to gift to the QCWA Scholarship Fund.

Chapter 46 held an election for officers and directors and the following were elected: President, Lou Leonard, WA2UIJ; Vice President, Sy Yuter, W2NBT; Secretary-Treasurer Frank Lauri, W2IX. The following Directors were elected: Mike Sturm, KA2E; Gus Levy, W2LAP; Manny Cohen, K2ILF; Mike Rapp, KA2FLB, and George Schomberg, K2YLH.

The Founder's Chapter net meets every Sunday at 8:45 on 3.917 mhz.

***Sy Yuter, Vice President, W2NBT***

## Chapter 62, Suwannee (FL)

Chapter 62 had its regular August meeting at the Golden Corral in Ocala. We had a good turnout and the meeting was enjoyed by all.

The QCWA QSO party was discussed and it was noted that one of our members, Ben, N6SL, was going to operate as W2MM, the CW special event station for the QSO party. We are hoping to have a large number of members operate. Also, remember our net on Saturday mornings on 3940KHZ at 9AM, Ben is our net control.

It's starting to cool off so it's time to work on those antennas. Ed Biederwolf, W9CHA, did a program about Marion County ARES at the August meeting. Our meetings are on the 4th Thursday of the month at 1:15 PM. We are currently having meetings on the even months only. The Golden Corral is located at 2111 SW College Road, Ocala, Florida.

***Doug Hawkins, W3HH, Secretary***

## Chapter 64, El Paso (TX)

Greetings from Chapter 64 in El Paso, TX and southern NM! It is with great regret that I report that C.W. Hiett N5HRD, became a Silent Key in September 2011. C. W. has held numerous positions including Chapter 64 President. He was a member of the Sun City Amateur Radio Club and El Paso Amateur Radio Club. C.W. is sur-

*(L) Manny Gonzalez, W2BFI (R), presents 60-Year Certificate to Al, KM5MB.*

*Manny Gonzalez, W2BFI (R), presents 50-Year Certificate to John, N5RK.*

vived by his XYL, Nadine, KA5ZLX. Our Chapter is proud to make a donation to the QCWA scholarship fund in his name. Our Chapter regularly recognizes its members with National QCWA operating awards and licensing certificates. This month, Al Veed, KM5MB, received his 60-Year Licensing Gold Certificate. John Moore N5RK, received his 50 year gold certificate. Great job, guys, and heartfelt thanks from all of us for your years of amateur service! Our Chapter has a monthly luncheon meeting on the third Saturday of each month at 2:00 PM local time (lunch) and 3:00 PM (meeting) at the Golden Corral located near the intersection of the North-South Freeway (US 54 South) and Transmountain Road (Woodrow Bean) next to the Wal-Mart store in Northeast El Paso. We also enjoy a weekly net on Saturdays at 08:30 local mountain time on 3933 KHz. Net control operators vary using our Chapter station call W5RO. Out-of-town check-ins are especially welcome! Adios amigos, God bless!

***Rick Rumbaugh, W5PIE, Chapter Director***

## Chapter 69, Everglades (FL)

QCWA Everglades Chapter 69.... Well, our group is certainly growing. We now have over 26 members. Not bad since we are 4 months old. We have been having our meetings at the Dragon Gourmet Chinese Buffet. We meet in a private room with plenty of space for a comfortable meeting. The food is very good and everyone leaves with a full stomach. The members that we have are all interested in different aspects of Ham Radio. Interests in DX, Satelite, Digital, Rag Chewing, Home-brew projects , among other things. The President, N8PR, Pete, made a $100.00 contribution to the club. This was money received from the last antenna installation from the "Antenna Busters" from the South Florida DX Association. The Antenna Busters included Pete, N8PR; Mike, W4DL; Mark, K2AU; Don, W3AZD; Ron, W4BP; Joe, K4XZ; and Bruce, W4OU. They accomplished this 6-hour job in tropic temps and humidity.

The XYLs are coming to the meetings now and some are Hams. Pete, N8PR, the president always has some kind of agenda for the meeting. At the Sept meeting, we will have our meeting at Carlos's qth N4IS. Carlos and his wife, Lucy, will host the meeting. Carlos is a "160 meter" expert. He has an extensive antenna system for 160. He was one of the few North American Hams that worked ST0R (South Sudan) on 160. He has also given lectures on 160 at Dayton.

Well, thats it for now. If you are in the area, please come to our meeting. For more info, please contact Mark, K2AU at k2au@arrl.net. 73 for now.

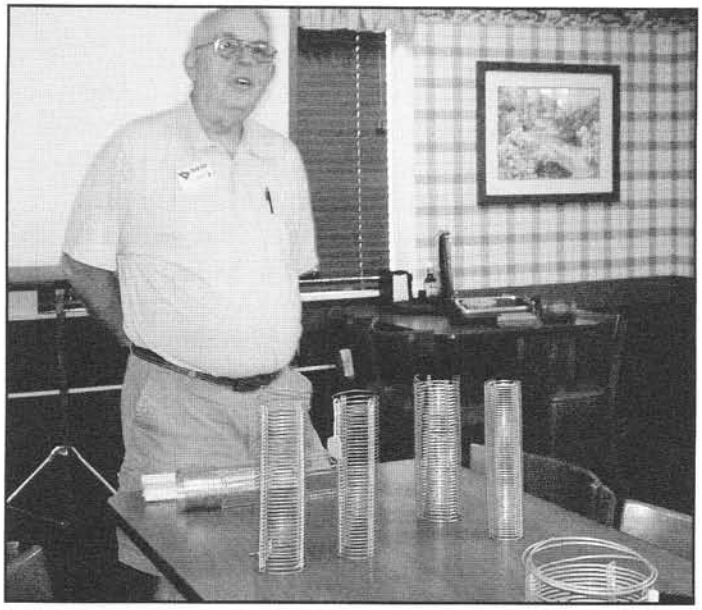
***Mark, K2AU, Secretary***

## Chapter 76, Blue Ridge (NC)

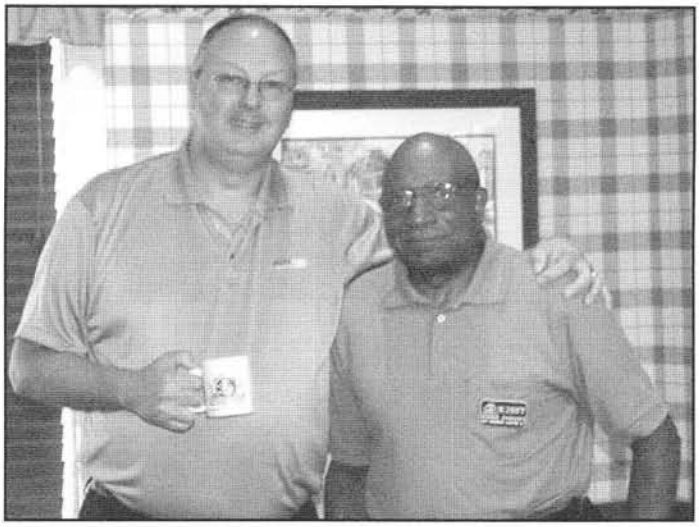
Greetings from the Blue Ridge Mountains of North Carolina .... the part of the state that Raleigh forgot. It's been a busy summer for most of us but we did manage to have our monthly meetings with a reasonable show of the membership. Here's how it went .

First, July. Actually, July was a bust. Our scheduled speaker cancelled pretty late in the game and our "program manager" (aka VP) was out of town. Since I have a few interesting DVDs (at least I think they're interesting), I was the fall-back position. As I was putting this report together, I checked around yesterday and no one who was there can remember what was shown! I guess we ran too close to nap time ...lol.

For August, we reverted to one of our own. You may have met Larry Keith, K4QB, at any number of hamfests selling his beautifully made, air-wound inductors. Larry



*K4QB with coils.*



*K4SV with K2SST.*

showed us the secrets of "getting it right" when you roll your own. Of course, Larry received one of our coveted Chapter 76 coffee mugs for his presentation.

Finally, September. I'm sure that many of you are familiar with the call K4SV ... Dave Anderson. Dave's one of those guys who not only works DX but has been DX ... and many times over. Look at the various DXpedition crew pictures (like Heard Island) and very often you'll see Dave (he's usually the tallest guy in the group). It happens that Dave is also a Chapter 76 member and lives in the area on a small farm.... actually a BIG ANTENNA FARM! To support his hobby, he happens to own a local company called "Trident Micro Systems" which he built, literally, from the kitchen table up to today, where he employs over 40 people (all hams, by the way)! His company specializes in communications infrastructure manufacturing from the design, production, programming and final testing for companies such as Motorola. As Dave says, "We don't make radios, we make them work better." We're hoping to get a tour of the facility once the current production schedule slows down. Dave received the customary Chapter mug from our President K2SST.

With the coming of the fall season, we're looking forward to electing a new slate of officers for 2012. Every year it gets harder to find members who will step forward and serve the Chapter and, unlike getting elected to Congress, the rewards are limited to personal pride in job accomplishment. Hopefully, we can find a few good men to serve. Meanwhile, we continue to meet at the Golden Corral in Hendersonville on the first and third Wednesdays. If you need directions, ask me ..... w4dk@arrl.net. 73 until next quarter.

***Duke, W4DK***

## Chapter 85, Ark-La-Tex (LA)

Several members attended the 45th Annual Queen Wilhelmina Hamfest. The Hamfest was held at the historic mountainside retreat, the Queen Wilhelmina State Park in Mena, Arkansas, on September 3rd and 4th. Members who attended the event were: John Mussey (N5FJ), Jim Howard (K5TC), Mickey Cox (K5MC) and John Stewart (AA5KV). Congratulations to the Queen Wilhelmina Hamfest Association for another job well done! We look forward to the planned renovations of the Queen Wilhelmina Lodge, which will make attendance at future fests even more inviting.

At our July meeting, Dave Davis (W5WRG) was presented with two QCWA Gold Certificates, one for 50 and one for 55 years of licensing. Congratulations Dave!!

The Thursday "lunch bunch" is held at Strawn's

***Dave Davis (W5WRG, Right) receives the 55-Year Gold Certificate from Roger Ley (WA9PZL), President of Chapter 85.***

Restaurant on Airline Drive in Bossier City. The group gathers at 11 AM. Everyone is welcome. Best 73 to all,

***John Stewart, AA5KV, Secretary/Treasurer***

## Chapter 89, South Carolina (SC)

The regular September meeting of SC Chapter 89 was held Saturday, September 24th, at Ryan's Steak House in Columbia. Les Shattuck, K4NK, incoming President presented the group with some ideas for attracting new members and getting some of the inactive members involved. Les brought along a poster board display of QSL cards which he has collected over the years from the officers of ARRL who were responsible for building the organization into the ARRL we have today. We talked about old equipment; old times and old friends. We had a regular nostalgia session.

QCWA is a group of hams who have been active for at least 25 years, most much longer. This was emphasized so the next meeting promises to be a departure from the regular meeting agenda. Some of the members are to bring antique equipment and home brew projects that are currently under way. This kind of activity is what QCWA is all about.

The declining membership was discussed for some time and the following resolution was agreed on and passed. It is hoped that publishing it in the Journal will bring it to the attention of the members of Chapter 89 and offer some insight into our declining membership problem.

In this era of declining membership, Chapter 89 QCWA unanimously supports and encourages QCWA National to add a category of QCWA membership to allow Associate Members. These non-voting members would not have the requirement of 25 years of licensure, but would support the QCWA National effort and local QCWA Chapters financially and by service.

It is hoped that publishing this resolution will generate some interest and discussion. We are aware that this issue has been offered and discussed many times before and we feel a change in the thinking of the Board of Directors on associate memberships should be entertained at this time.

Awards given were Gerald Pollard, N4JRY, 50-Years; Bill Horton, W4DDK, 50-Years; J.T. Green, K4ILT, 55-Years; Bryce Myers, K4LXF, 55-Years; and Ronald Nitsch, W4NTO, 65-Years.

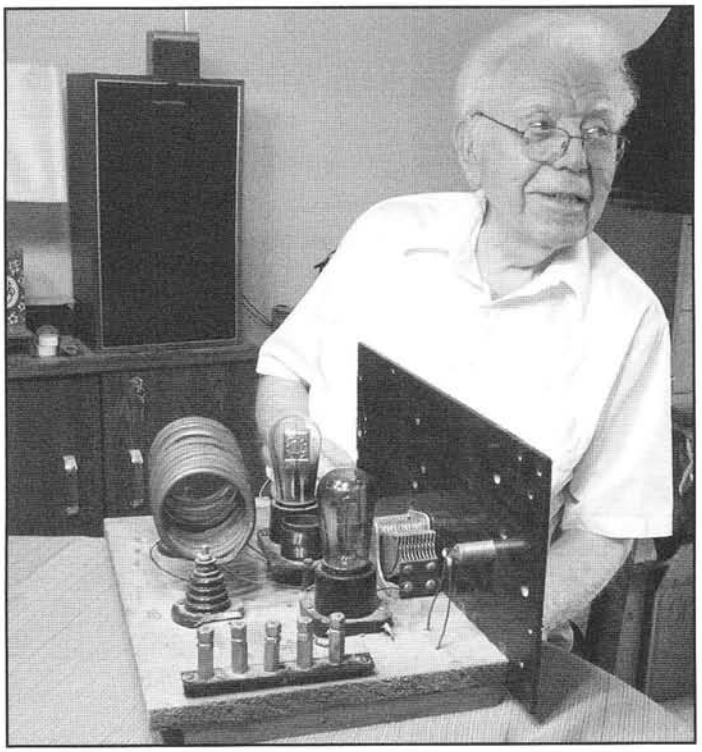
The next meeting will be at Ryan's Steak House, Bower Parkway, Columbia, the last week end in February.

***Ralph, N4RM***

## Chapter 91, Vic Clark (VA)

July was the big meeting for Chapter 91. Vic Culver, W4VIC, from Chapter 119, in Virginia Beach, let us see all of the planning and work that goes into his Chapter's IOTA (Islands on the air) expeditions to Tangier Island. This island, now occupied by several hundred people, sits in the middle of the Chesapeake Bay. During the War of 1812, many of the inhabitants were loyalists and some of the older people still have a trace of the old British accents.

July is also the big Awards Meeting for Chapter 91. This year we awarded three 50-Year, two 55-Year, three



***Bill Leavitt, W3AZ, and his first (1936) TNT transmitter.***

***Chapter 91 Picnic in the drizzle.***

60-Year, one 65-Year, one 70-Year, and the "biggie": a 75-Year Award to Bill Leavitt, W3AZ. Bill now lives in Maryland, and since it is difficult for him to get to our meetings in Virginia, President Byron Black, W4SSY and Ex-President Tim Donovan, W4CLK, made the trip to present the award in person. They were greeted with a big smile by a man who talks and acts many years younger than you might expect.

He received his first license in 1936, at the age of 15, while living on a farm in Nebraska, and still has his very first transmitter. It is built largely from receiver parts and in true "breadboard" construction is built on a chassis from the end of an orange crate. It is dominated by a giant (80m) coil, has two tubes, a front panel from a receiver of the time and does not look like it has enough parts. Bill explained that it was a TNT transmitter, TNT standing for a "tuned-not-tuned" circuit, and did not use a crystal.

Bill occasionally checks into the Chapter's 2M net and is currently trying to organize an amateur club in the community where he lives.

In August, Nick Beauregard, KJ4VTM, presented a program about HACdc. This is an organization from Washington DC made up of mostly young people, many of who are hams, with an interest in technology. Among the things they do are high altitude balloon launches, building 3-dimensional printers, and working with, and teaching robotics. It is a unique group in that they have their own shop and classroom in downtown DC. There are similar organizations in several cities and I feel sure that most of us, in our younger days would have loved to have something like HACdc.

September was the annual picnic for Chapter 91. After being promised nice weather all week, Saturday showed up with an off and on drizzle. It was too wet to put the club banner up in a tree and bring out the old crank-up phonograph, but there were plenty of hamburgers, brots and good conversation.

We are sad to report that on July 9, Charles Proctor, KM4CQ, became a Silent Key. In 2010, Charles received his 55-Year Award.

***Byron Black, W4SSY, President***

## Chapter 107, Lakeland (FL)

The Chapter meets on the 3rd Saturday of each month at Clara's Butterfly Restaurant in Lakeland with attendance averaging about 9 members during the summer months. We were saddened to learn that Art Harrington, K2DEF, has become a Silent Key. Art joined the Chapter in January and became ill shortly after.

Two new members were added to the roster this summer. They are Bob, KL7FU; and Roger, KI4YQT. All of us are anticipating the seasonal influx of winter visitors at our meetings and, of course, attending all the hamfests, large and small, that will be occupying many of our weekends. All interested local hams, area visitors, and members of other Chapters are welcome to join us. Contact either Rip at aa4ht@tampabay.rr.com or Jack at k4byf@tampabay.rr.com for more information.

***Jack Falkenhof, K4BYF, Secretary***

## Chapter 109, Baton Rouge (LA)

The Baton Rouge Chapter 109 had its first quarterly meeting of 2011 at the TJ Ribs Restaurant in Baton Rouge on March 26, 2011. This place is a favorite of the group, because they have the best ribs outside of traveling to Memphis. Approximately 20 members and guests attended and were treated to a presentation by our President, W5XU, on his first DX-PEDITION to Curacao where he operated PJ2/W5XU and logged several thousand contacts.

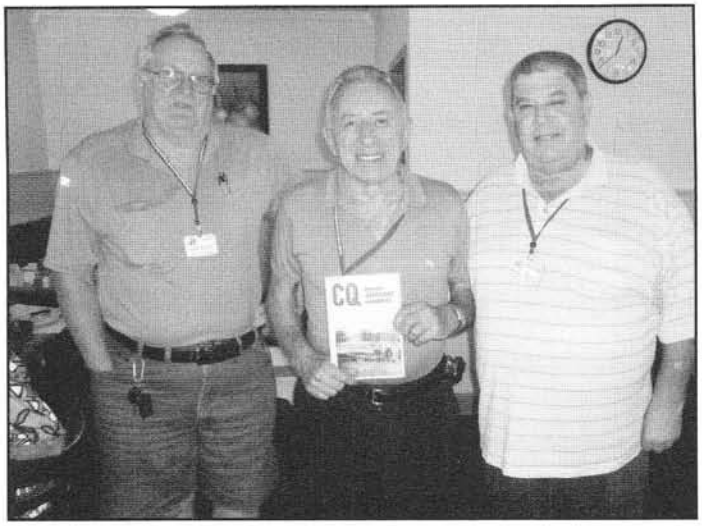
In June of 1978, 17 Hams in the local Baton Rouge area met and decided to form the Baton Rouge Chapter of the QCWA. My Elmer, W5ZDW, was among them. The National QCWA Organization formally recognized and chartered Chapter 109 in August of that same year. Out of the original 17 who initially met to form this group, the one man who was generally recognized to be the founder of Chapter 109 was Elbridge Charlton. Elbridge held the call sign W5WQX originally, and later W5MD. It is my sad duty to inform you that Elbridge passed away on Friday, April 8, 2011, at 87 years of age. The author is now privileged to hold Elbridge's old call sign, W5MD. Of the original 17, only W5LVX remains.

***Keith R."Doc" Mack, W5MD, Secretary/Treasurer***

## Chapter 111, Palm Beach (FL)

Greetings from the sunny Palm Beaches!! The Palm Beach Chapter meets on the last Tuesday monthly, 1130 hrs, at our new location, the Carving Station Restaurant, 6418 Lake Worth Road, Lake Worth, FL. If your travels bring you to our neck of the woods, please join us for our monthly luncheon meetings. Everyone seems to like our new meeting venue at the Carving Station. Good food, service and most of all, the camaraderie are enjoyed by all.

At our July gathering, 20 members and guests were honored to confer QCWA Gold Certificates to Seymour (Sy) Levine, W2LPT for 70 years of service to amateur radio and Tom Thompson, W2TMT, for 55 years of service. The presentations were made by Chapter President



*Chapter Secretary & local amateur radio historian Jeff Beals, WA4AW, brought a June 1956 copy of CQ Magazine in excellent condition. On the far left is Chapter President, Hugh Connolly, AG4HC; on the far right is Jeff Beals, WA4AW. In the center is Bert Green, W2LPC.*

*Middle: W2LPT receiving his 70-Year Award. On the far left is Jeff Beals, WA4AW and the far right is Chapter President, Hugh Connolly, AG4HC.*

Hugh Connolly, AG4HC and Chapter Secretary Jeff Beals, WA4AW.

From the interesting coincidences department, Sy, W2LPT, had the opportunity to meet Bert, KN4OU, whose original call was W2LPC at the July lunch. It seems that they both were licensed in 1938 and took their exams at the old FCC office on Washington St. in New York. Based on their calls, they figure that they must have taken the exam on the same day or the same week. It's a small world we live in.

Representatives of our local clubs in Palm Beach & Broward counties were on hand to announce their activities. The South Florida Hamfest sponsored by the Boca Raton ARA will be held on November 5th in Delray Beach.

*Centered is Tom Thompson, W2TMT, receiving his award for 55 years of service. On the far left is Jeff Beals, WA4AW, and the far right is Chapter President, Hugh Connolly, AG4HC.*

At our August meeting, Chapter Secretary and local amateur radio historian, Jeff Beals, WA4AW, brought a June 1956 copy of CQ Magazine in excellent condition. On page 33 in an article authored by own own Bert Green, W2LPC, entitled "2 on Two" was a project for a 2 tube 2 meter transmitter. Bert, who is now known as KN4OU, received his 70-Year Gold Certificate at our June meeting, was an engineer at Amperex Electronics in Hicksville, NY where the 6360 tubes used in the transmitter were developed.

On a sad note, long time Chapter 111 member Clyde Arntzen, KD4KN, of Jupiter, FL, became a Silent Key after a long illness.

***Jeff Beals, WA4AW, Chapter Secretary***

## Chapter 112, Yankee (RI)

Chapter 112 Summer Picnic was held at the New England Wireless and Steam Museum, East Greenwich, RI on July 16, 2011. There were 15 members and guests present. Again, the weather was perfect and the Museum was open for everyone to enjoy.

Thanks to Tony, WA1ENO and Anne, WB1ARU, for bringing vegetables from their garden. We shared their fresh bounty!

Our next event will be the QCWA National Convention on September 9-11, 2011 at the Crowne Plaza at the Crossings, Warwick, RI.

QCWA National Convention was held at Crowne Plaza at the Crossings, Warwick, RI, on September 9-11, 2011. It was a pleasure to have as a speaker at the Meet and Greet, Kay Craigie, N3KN, ARRL President and at our Banquet, FCC's retired Special Counsel Riley

Hollingsworth, K4ZDH. The Convention was a great success, thanks to our Convention Committee and volunteers. Our next meeting will be the Christmas Party on December 3, 2011 at the Chateau Restaurant, Norton, MA.

***Janice, K4IJK, Secretary***

## Chapter 119, Tidewater (VA)

Chapter 119 was busy this third quarter in 2011 with an IOTA Expedition to Tangier Island, NA-083, in the Chesapeake Bay and with sending members to the Convention in Warrick, R.I., and in participating in the Virginia Beach Hamfest and Computer Show. QCWA had a recruiting table in the main hall at the hamfest so that we could meet and greet our out-of-town friends. Forty-three members and friends signed our guest book, and two new Chapter 119 members were signed – David, AJ4FM, already a member of QCWA Chapter 202, and a former member, Nick, W4LSG, rejoined QCWA and Chapter 119. Welcome back, Nick, and welcome to David.

At the Rhode Island Convention, President Vic, W4VIC, substituting for QCWA Inc. Secretary Walt Supina, N3WS, was appointed by the QCWA Board of Directors to serve out the remaining term of Mr. Supina upon his resignation due to health issues at home. We are sorry to lose the services of Mr. Supina, but welcome our new QCWA Secretary.

The IOTA Expedition to Tangier Island in July was a high point thus far in the 2011 Chapter activities. Seven team members, including Vic, W4VIC; Barry, K5VIP; Butch, KE4AZL; Ed, KN4KL; Talley, W4TVG; Jose, N4BAA; and Chris, W4VX, operated for a bit outside the IOTA Contest, but the major effort was the contest itself. Our claimed score, for 1025 QSOs was 790,764 points. The most popular aspect of the expedition was the Stuffed Flounder and the Brownie Overboard dishes at Fisherman's Corner, our main "refueling" depot.

***Chapter 119 Longevity Award Recipients for 2011!***

***Bill Verebely, W4WV, receiving his 2011 Award by Vic Culver, W4VIC.***

Tidewater Radio Conventions, Inc., a coalition of most of the Radio Clubs in southeastern Virginia, promotes an annual Hamfest. At the hamfest, Chapter 119 hosted a QCWA Forum, where Longevity Certificates and Chapter 119 Presidential Awards were presented. Bill Verebely, W4WV; Ed Williams, KN4KL; and Butch Burke, KE4AZL; were awarded Presidential Meritorious Service Awards for long-standing service to the amateur radio community. Fifty-Year Longevity Certificates were presented to: Maurice Brimmer, W4YVX; Dick Harrell, W4RBH; Cliff Hedgepeth, K4MLD; Don Johnson, N4DJ; Bob Morecock, KI4F; Richard Siff, W4BUE; Bill Verebely, W4WV; and Brian Welch, K1EFS. A Fifty-Five year Anniversary Certificate was presented to Charlie Chapman, W1WTG, and a Sixty-year Anniversary Certificate was presented to Vernon Fix, W4THN. Jim Wise, W4PRO, was presented a 65-Year Anniversary Certificate. Congratulations to all the Award winners. Thank you for your service to QCWA and to Amateur Radio.

Just before this report was written, we discovered that three of our Chapter 119 members had their pictures in the October issue of QST magazine. This article about Ham Radio Cruise 2010 showed Charlie, W1WTG; Sonny, K4WYS; and Vernon, W4THN, engaged in amateur radio problem solving. Vernon, W4THN, had previously organized three Ham Radio Cruises, ones in 2006, 2008 and 2010. It happened that a fellow ham who was a journalist came along in 2010 and wrote our story. See the QST article on p. 20 in the October QST.

***Vernon Fix, W4THN, Secretary***

## Chapter 120, Quarter Century Wireless Women (QCWW)

The QCWA 2011 Convention and Chapter 120's annual meeting in Warwick, RI, have drifted into history and plans are now being made to our Chapter's next gathering in Reno, NV, at the end of September 2012 in conjunction with the QCWA Convention.

Our membership met at the Crown Plaza in Warwick on Friday, September 9th, updated and approved our Chapter By-laws and elected our 2011-2013 Officers – Janice Lentz, K4IJK, President; Carolyn Harrison, WBØOUM, Vice-president; and Larry McCalvy, WA9JMO, Secretary/Treasurer; and held our annual membership meeting.

Those attending the meeting were Janice Lentz, George and Frances Roach, Jean Gimbel, Anne Manna, Vic Culver, Gary and Carolyn Harrison. Secretary Larry McCalvy was home in Wisconsin recovering from Rotator Cuff surgery.

The 2011 membership meeting minutes & updated by-laws are listed on our web site at www.qsl.net/qcwa120/

I would like to wish each of you and your families a very Merry Christmas and a most Happy, Healthy and prosperous 2012. 73!

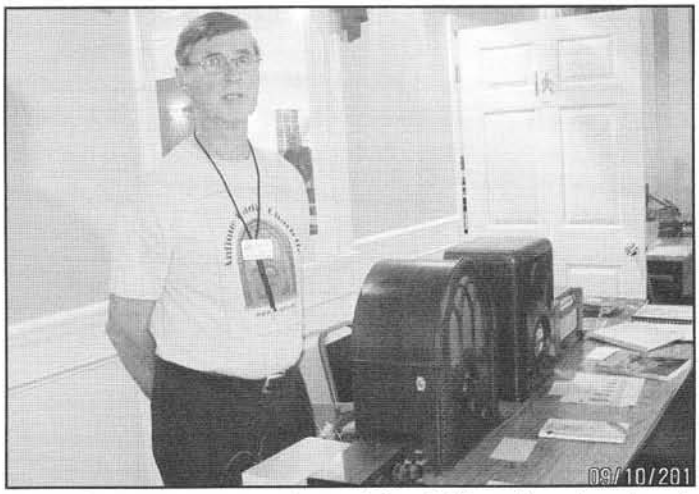
***Larry McCalvy, WA9JMO, Secretary/Treasurer***

## Chapter 126, Piedmont (NC)

The Piedmont Chapter #126 held its regular meeting on Saturday, September 10, 2011, at The Best Food Cafeteria in Denton, NC. There were 24 members and guests present. The following Board members were present: Kent, K4MK; Wayne, W4HG; Wes, WJ4DX; Charlie, WB4DCM; and Chuck, K4HF. Among the items discussed were meeting locations and possible programs. The next Chapter 126 Meeting will be Dec 3, 2011. All Chapter 126 members are encouraged to be on the lookout for new members and guests and make them feel welcome. KJ4WD will head up the Nominations Committee for the 2012 Officers. A Thank You note was received for our donation in memory of the W4UW Scholarship Fund at Salem College.

At the general meeting, following blessing and introductions, all were asked what their occupation was or grade in school when first licensed. Continuously Licensed 55 Year Certificates went to K4KAY, K4DRT, and K2HYD. Among the guests welcomed were Jim, WD8MZR, and wife Kay, of Holly Springs; and Mike Honer, W1BFN, of Asheboro, NC. The newest Chapter members are Dave Belt, NA4VY of Cedar Grove and James Nixon, K4RVJ, of Reidsville. We had a moment of silence for members Joe Brown, W4ONJ; and Dick Genaille, W4UW. Door prizes of 16GB Flash Drives were won by Marcia, YL of NC4EW, and N2RF. The 50/50 drawing was won by WB4DCM. The meeting program was a great presentation of slides and sample equipment on Vintage Receiver Renovation Techniques by Tom Lewis, N4TL. We are glad to report Ken, KI4OTO, and family recently returned to their home after the hurricane damage was repaired.

*Tom Lewis, N4TL presenting his Vintage Gear Renovation Program at the 9/10/11 Chapter 126 Meeting.*




*The meeting program was a great presentation of slides and sample equipment on Vintage Receiver Renovation Techniques by Tom Lewis, N4TL.*

We thank Mary Jo, K4MJL, for the administrative help again today. Don't forget our weekly Chapter net at 8:45am local time each Saturday on 3.826 MHz. All members are encouraged to invite friends and family to participate in Chapter activities. The next Chapter 126 Meeting will be on Dec. 3, 2011, at The Yarborough's Steak Restaurant in Lexington, NC. Meet and Greet will start at 11:30AM.

***Chuck Littlewood, K4HF***

## Chapter 134, Pine Tree (ME)

The Pine Tree Chapter has had a quiet summer. The Pine Cone Net has completed its summer break and is back in session (Sundays 1400 ET, 3942 kHz). Several Chapter members participated in the National Convention on September 9-11 in Warwick RI, and enjoyed the event thoroughly. We cordially thank Skip, WB6VVA, and the rest of the Convention staff for making it a memorable experience for all.

The other event of note was on August 12. Several of the Chapter members enjoyed lunch with John, W3BE, Past President of QCWA and the "Rules and Regs" columnist for the Journal, at the Kennebec Tavern in Bath. Our next Chapter meeting will be October 29, 2011. It is expected to be at noon at the Village Inn restaurant in Auburn.

***Steve Kercel, AA4AK, Secretary/Treasurer***

## Chapter 141, Amarillo (TX)

Summer is about over, most of us are happy about this as we have experienced a record number of 3 digit highs this year, fifty or more of them, very unusual for Amarillo. Our rainfall for the year has been very low, a little over 3 inches since the first of the year. Lots of wildfires, a very unusual year.

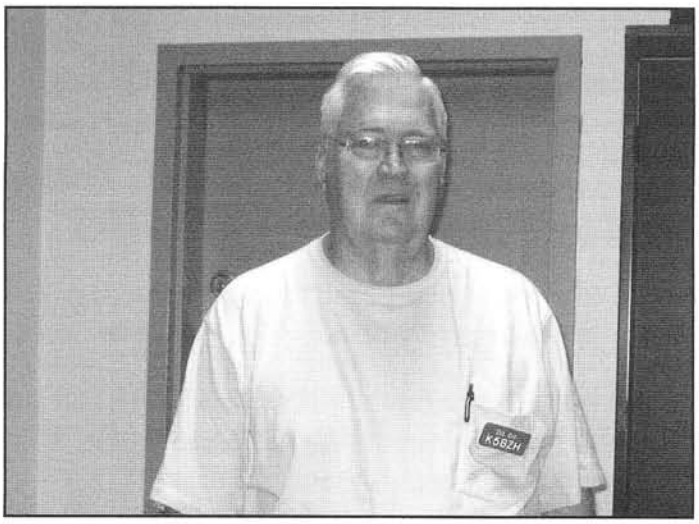
We are now into September. Chapter 141 has just completed operating W6I for the Route 66 Special Event that encompassed 9 days. We were on SSB, PSK31, and CW. This year had 17 stations along the old Route 66 Highway; Amarillo was one of the key spots.

The Texas QSO Party is the 4th weekend of the month. That keeps two or three members active. The Tri-State Fair is also happening. Amarillo is busy this time of the year.

Chapter 141 members are beginning to plan for their third annual Christmas Party. The first year was a great start. The second year was fantastic. Not sure how we can top it this year, but my guess is the ladies will figure out how to make it happen and add a couple of pounds to each of us.

We have three members that have been collecting parts to build slat board transmitters for the 2012 Straight Key Night. Hopefully that goes well.

Least I forget, Chapter 141 put together a program discussing the history of Morse code, Spark transmitters, early CW transmitters, the Transatlantic Experiment, first Transatlantic QSO, and then focused on the advantages of CW. The program, entitled "Dit Dit," was delivered at the September meeting of the Panhandle Amateur Radio Club. It included a display of some of the Brad Miskimen collection of telegraph keys. Handouts were passed out to all attendees. In addition some nice door prizes were given out.



***Jim Musgrove, K5BZH, discussing CW at the "Dit Dit" presentation delivered by Chapter 141 at the Panhandle Amateur Radio Club's September meeting in Amarillo in September.***

Each quarter we have been spotlighting one of our members. This quarter that member is Carol Musgrove, WD5DCZ, member #33716.

To achieve this without taking more than our share of space in the Journal, we are placing the bio on the QCWA website; see the "Our Living Heritage" section. This section was created by Bob Roske, N0UF. It is a natural for Chapter 141's spotlights.

Those visiting the Amarillo area and are here on the 4th Thursday of the month, stop by Braums on Grand, south of Interstate 40 on the east side of town, Braums is across the street from Wal-Mart. We start gathering and enjoy some food or ice cream treats around 6:30 p.m. and start our meetings at 7 p.m. We would be happy to have you join us.

***Jim Musgrove, K5BZH***

## Chapter 149, Nutmeg (CT)

The summer meeting and luncheon of the Nutmeg Chapter (#149) was held at the Sarafino's Restaurant on August 13, 2011, in Wallingford, Connecticut. Chapter President Mike Schindler, K1AMS, moderated the 40 person gathering.

Cliff Cayer, K1IFF, who works for Northeast Utilities, was the guest speaker. He gave a very timely presentation about the electrical grid system and the safety measures one should be aware of if the power lines go down and if one's residence or business loses power.

Just two weeks after the summer meeting, in late

*(continued on page 30)*

# QCWA 2012 CONVENTION
# RENO, NEVADA
# SEPTEMBER 24 - 27, 2012

*"Go West, young man" was a popular saying by American author Horace Greeley. To paraphrase this theme, "Go West, OM" seems appropriate for the QCWA 2012 Convention.*

It has been a long time since QCWA has hosted a convention on the west coast. This year's upcoming convention will be the first in 14 years. Every effort is being made to make this a memorable convention.

Reno was chosen for it's proximity to California which contains a large amateur radio population but also for the diversity of activities in the Reno area. In addition to our regular convention presentations and activities, we have a diverse variety of activities in the area. When people think of Reno or Las Vegas, the first thought that comes to mind is gambling. The truth is that there is NO Gambling in Reno - it's gaming. The payout is regulated by the state gaming commission. It's gambling when you are taking a chance. In the Reno area, you are not taking a chance. There are shows, dining, scenery, shops, sports, museums and various adventures to enjoy in the immediate area. Gaming is a small activity, compared to all that is available in the Reno/Sparks area.

Come be a part of the a part of the convention. We are still accepting presentation suggestions and material. If you have a presentation to share, let us know and we can include it in our growing list of presentations. We have several meeting rooms available with full audio/visual support. We will list the program information and events in the QCWA journal and in our newsletters. We are extending our welcome to this convention to other related organizations outside of QCWA. The year 2012 will be for **all** serious amateur radio operators to participate in our convention and, if eligible, to join our organization. As a sponsor or participant, you are supporting and getting your name out to these diverse individuals worldwide.

So whether young or old, there is something for everyone - too much to put into a few pages. We will be publishing an e-mail newsletter and updating our websites with the latest information. Each issue will contain photos and list details on various tours, shows, activities, and events in the Reno/Tahoe area.

To subscribe, e-mail to: Convention
ADNYP@ATT.NET

Updates and additional information is available on the following QCWA websites:
WWW.QCWA.ORG
WWW.QSL.NET/QCWA-11

# QCWA 2012 Reno, Nevada

## SEPTEMBER 24 - 27, 2012

**LOCATION:** The convention will be held at Harrah's Reno. The newly redecorated rooms include free wi-fi. The rooms are located in west tower and provide easy access to the meeting rooms, dining facilities of which there are several, and an excellent spa. The rate for the room is $59 US / night (single or double occupancy). Additional coupons and discounts will be available with each room reservation. Friends or relatives that want to join us during this period. may enjoy the same rate and amenities at the some rate as the registered convention guests. Hotel reservations will be made separately. The hotel phone number and QCWA discount code will be provided.

**TRANSPORTATION:** The hotel is located one block away from the Amtrak train station. Harrah's has a shuttle service that provides free transportation to and from the Reno/Tahoe International Airport (RNO). The hotel has a large parking complex that provides free parking as do most of the hotels in the area for guests and non-guests.

**PRESENTATIONS:** We have several presentations and activities planned for Tuesday and Wednesday during the convention. A listing of the program will be available in the spring.

**SCHEDULE:**

| | | |
|---|---|---|
| Sun. | Sep. 23 | Early hotel registration / Board of Director's Registration |
| Mon. | Sep. 24 | Convention Registration / Board of Director's meeting |
| | | Evening Get-Acquainted Reception |
| Tues. | Sep. 25 | Presentations/Tours |
| Wed. | Sep. 26 | Presentations/Tours/Banquet |
| Thu. | Sep. 27 | Virginia City Tour. |

August, 2011, Hurricane Irene struck the U.S. East Coast and caused plenty of power outages and flooding throughout the East Coast and New England regions including Connecticut.

Cliff's talk incorporated videos and a PowerPoint presentation that helped educate meeting attendees on the dangers posed by the electrical distribution system when it is damaged by storms. Proper common sense responses to these emergencies and what to do if a power line were to fall on one's car or antenna were also discussed.

***Steve Ewald, WV1X, Secretary***

## Chapter 151, Wild Rose (Canada)

QCWA Wild Rose Chapter 151 held its fall luncheon meeting on September 22, 2011 at the Denny's Restaurant on 19th Street NE, Calgary. The meeting began with a moment of silence for Silent Keys Bruce Collisson (VE6BAC), and Gerry Grief (VE6BN).

Chapter President, Ken Oelke (VE6AFO) welcomed all members and guests in attendance. Ken talked about the great time he had at the QCWA 2011 Convention in Warwick, Rhode Island, and encouraged members to attend next year's QCWA Convention to be held in Reno, Nevada, September 24th to 27th, 2012.

Elections were held for the Chapter Executive, who will hold office for the next two years. The following people were elected:
President - Ken Oelke (VE6AFO); Vice President - Terry Finn (VA6TF); Secretary - Mitch Goodjohn (VE6SM); and Treasurer - Dave Craig (VE6DKC).

It was noted that the position of Vice President is a newly created position. Dave Watson (VE6EH) congratulated Ken Oelke on his steadfast contribution to the Chapter as President for the past 10 years.

Following the meeting, Ken Oelke gave a slide presentation on his summer activities, which included attending the QCWA 2011 Convention. Ken also showed a video, produced by ICOM America in 1991, entitled "More than Radios". It's a heart-warming story about a young boy who develops a close friendship with an elderly ham operator, and studies to get his ham license. The focus was on encouraging people of all ages about the rewards of our hobby.

The next meeting of Chapter 151 will be in April, 2011.

***Mitch Goodjohn, VE6SM***

## Chapter 155, Virginia Chapter (VA)

The QCWA Chapter 155 had their official quarterly meeting on July 10, 2011, at the Millmont Grill in Charlottesville, Virginia. There were seven members and three guests present for the dinner. A great dinner and conversation was had by all. The members present were Harry Dannals, W2HD; Jim Owen, K4CGY and his wife, Mary; Jim Crosby, K4JEC and his wife, Patsy K4PMC; Ernie Sardi, W2EIU and his wife, Carmella, W2HTJ; Philip Lawrence, W4DGN; Stan Hazen, W2SSB and his wife Sheela. After dinner, Jim Owen, K4CGY, gave a short talk on how he became an amateur operator.

At the age of about two, he observed his Dad listening to the BBC on short wave to news of WWII. By the age of five, he was poking around inside of junk radios to see what it was all about. By age six, he had discovered the hams on 40 and 20 meters on the shortwave radio and decided he wanted to join them. By age eight or nine, he was building circuits from discarded TV and radio chassis from the local TV repairman and spending hours of free time in the TV/radio repair shop. After learning the theory and code, mostly on his own, he obtained his novice ticket in November 1958 and his general in October 1959. His first station was a Heathkit DX-20 and Hallicrafters SX-99 followed by a DX-100B in December 1959. The first group joined was the Crab Net on 3.815 KHz and then the Virginia Fone Net. He has been active ever since on most modes and bands and is now coming up on 53 years as an amateur.

***James C. Owen, III K4CGY, Sec/Treasurer***

## Chapter 160, Utah (UT)

Our Chapter's year started out with a great Spring Fling at Mesquite NV on April 3. The weather was great and all enjoyed it greatly.

We met at Playoffs Sports Pub & Pizzeria for dinner, with good conversation and food.

Those in attendance were W7UT - Bob and Linda Peterson, W7WTV - Ed and Jean Smith, K7NKH - Lee and Peggy Hone, KH6AB - Charlie and Yvonne LumKee, WB6YNH - Chuck and Dolly Buccino, W7FVM - Dick and Vera Beckham, K7ELP - Ned and Francine Stevens, W7QAN - Blaire Nelson, W7CKD - Maryellen Vaughan, W7DKR - Dave and Lova Raab.

W7FVM - Dick Beckham received his 75-Year Certificate. He serviced USN as a radio operator on the USS Colorado BB-45 during WWII. He later lived in St George Utah and taught radio and supported ham radio activities there along with our QCWA Chapter.

Lee Horn, K7NKH, accepted his 55-Year Certificate. Lee is a past President of our Chapter. He attends to the needs of many and enjoys our hobby.

On April 12 of this year a dinner was held in Salt

Lake City, Utah, in honor of Ray Larson, W7NMK. Ray served three years in the Navy as a radio technician. After he got out of the Navy he worked for a radio parts store that sold electronic supplies. After World War II the store was called Standard Supply. Ray worked there from 1946 until 1986.

One of our own become a SK in August 2, 2011. Ray Gendreau, KF6AY, 89, would have been 90 in October. Bob Peterson, W7UT, reported, "Ray and his wife, Mae, had been a member of Saint George, Utah, breakfast group for a number of years now. Mae passed away 3 or 4 years ago and Ray had been afflicted with very bad arthritis the last few years and his son would often bring him to the breakfasts. Ray was a WWII veteran and was retired from the Los Angeles Police Department where he was a homicide detective".

Our next activity will be again at Mesquite, NV, on April 4th 2012. Guests are welcome.

***David Raab, W7DKR, President***

## Chapter 162, Southeast Wisconsin (WI)

As summer faded into history and the trees begin displaying fall colors, the Chapter162 membership begins its own journey searching its ranks for new leadership. Two of the current officers are not seeking re-election and the membership would like to enhance its meetings with more activities, some interesting programs, and maybe a little more community involvement. Fall bring us to our annual meeting and membership election of Directors. Both will have occurred by the time this article is published.

The Chapter is looking for a licensed Ham currently attending college or will be enrolled full time next September to be our 2012 recipient of the yearly $500 Spencer L Clope, W9LDH, scholarship. We are also looking to select an individual for the Robert L Jensen, WØWLN, Lifetime Achievement Award; and for our Olie Fox, K9AHG, Recognition of Excellence Award. Details for these recognition entities are available from Larry McCalvy, WA9JMO, by telephone at 262-639-7327; and/or email at wa9jmo@wi.net.

Upcoming is our Christmas party at Meadow's Restaurant in Franksville, WI, on Sunday, December 4, 2011 beginning at 1:30 PM. Members are asked to bring a small gift to exchange.

I would like to wish each of you and your loved ones a very Merry Christmas and a most Happy, Joyous and Healthy 2012. 73!

***Larry McCalvy, WA9JMO***

## Chapter 165, York Co. (PA)

Chapter 165 holds meetings at noon on the second Saturday of even-numbered months at Hoss's Restaurant on White Street in York, PA. All eligible hams are welcome to attend.

Our June meeting, which is our annual picnic, is held on the Saturday between the ARRL June vhf contest and field day. Our Christmas party is held on the second Saturday of December at the Road House Restaurant in York, PA.

We decided to put a web page on the Internet at our meeting on August 13th. We had discussed the possibility at our July meeting as a way to store written memorabilia that had been donated to the Chapter from families of Silent Keys and the collection of pictures our Chapter historian Dennis Cooper, K3NVI, from as far back as the very first meeting in 1988.

Our Chapter President, Ron Boltz, K3TZJ, is our web master and has done a great job in getting the site up and running. Everyone is invited to check us out at www.qcwa165.org The web site is a work in progress and as we find time to add to it, it will grow.

Our next meeting will be on December 10 and will be our annual Christmas party and ladies meeting. This is the meeting that we invite all our YLs and XYLs to come dine with us. This is also our annual meeting where we present awards from National and the Chapter.

Some of our members were active as weather spotters for the National Weather Service during the floods of August and September 2011 caused by the hurricanes moving up the East coast. We watched the creeks and river as they approached flood stage and reported to the Weather Service.

We hope all this wet weather is not an indication of the snows to come this winter.

***Ray Shaub, W3AXC, Secretary/Treasurer***

## Chapter 183, Pioneer (MA)

Our quarterly meeting was held at CJ's Restaurant in Monson, Massachusetts, on July 23rd. There were 21 individuals in attendance for the meeting. Present were Jim Rae, W1RAE; Lucy Rae, W1HOT; John Plaster, K1VOI; Chris Sterritt, K1CPS; Don Johnson, W1UPH; Lynda Carroll, N1DOO; Ron Carroll, N1DJM; Betty Phillips, WB1FIQ; Charles Griffin, W1GYR; Chuck Walbridge, K1IGD; Jan Walbridge; Skip Swenson, WB6VVA; Diane Swenson; Norm Gregoire, W1BMK; Betty Gregoire, KB1CPZ; Duane Renaldi, KA1SFK; Carol Renaldi; John Stark, N1JIO; Juergen Malner, DK1TM; Renate Malner; and Dick Downing, W1TXS. After dinner, a brief Chapter

meeting was followed by an update on QCWA matters from the QCWA General Manager, Chuck Walbridge. Also, the Chapter members received an update on the upcoming Convention in Rhode Island by our National Director Skip Swenson. The guest speaker at our luncheon was Skip Swenson, and his subject was about the USS Massachusetts, a battleship now a Museum. He had many photographs which were projected onto a screen for everyone to view. He stated that anyone who wanted to operate on-board the ship had to use the original ship radio gear only, which operated in CW mode. Skip provided an outstanding presentation, and provided many answers for questions by our members after his presentation.

The next Pioneer Chapter 183 meeting will be in October at CJ's Restaurant, Monson, MA.

***Norm Gregoire W1BMK, President***

## Chapter 213, Fresno (CA)

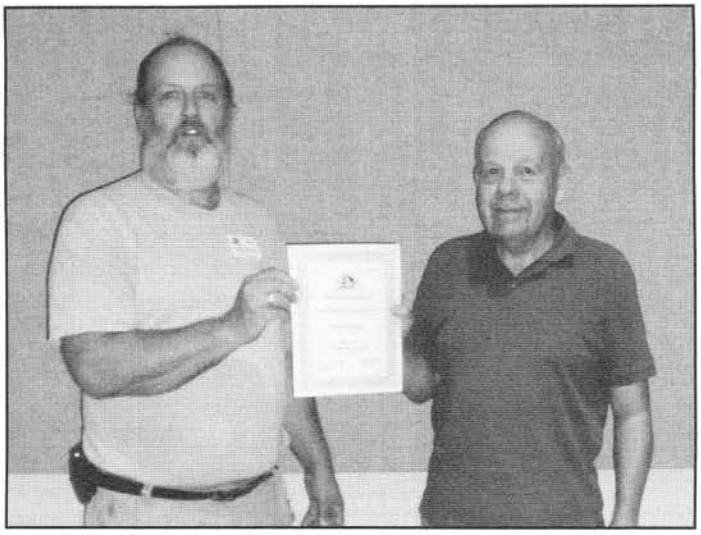
Greetings from Fresno Chapter 213. Our monthly meetings are on the 4th Tuesday at Noon at Carrow's Restaurant, 4480 N. Blackstone in Fresno. All QCWA members are welcome to attend if they are in the Fresno California area on our meeting day. Our meetings are very informal with an average attendance of 20 members and guests. Ken Holden, WA6OIB, received a 50-Year Certificate. Matt Holden, KB6ORX, joined the National and the Chapter. Virginia, WB6BZZ, became a Silent Key. She was active in both Chapter 198 and Chapter 213. She will be missed.

***Charles McConnell, W6DPD, Secretary/Treasurer***

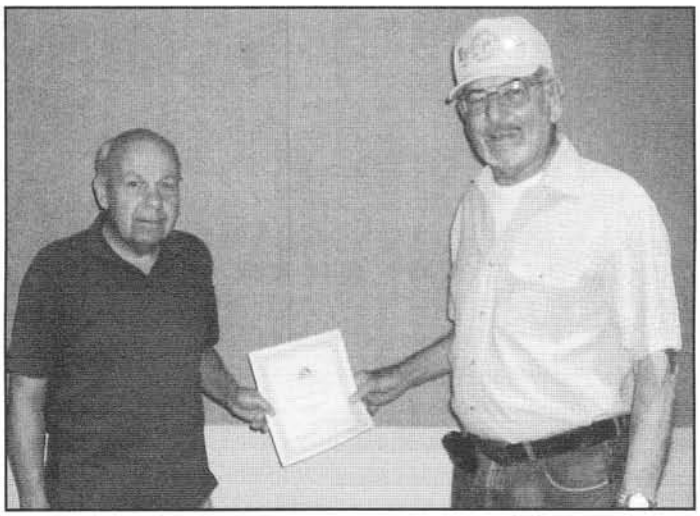
## Chapter 219, Upper Peninsula (WI)

Greetings to all from Chapter 219 (North Eastern Wisconsin - Upper Peninsula). We had a successful spring meeting May 14 at Perkins Restaurant in Menominee, MI. There were 11 people in attendence. As this was our annual meeting, elections were held. Results were Dave Arnol, W8DXX, President; John Anderson, WD8RTH, Secretary; and Jim Callow, K8IR, Vice President. Afterwards we had an excellent tour of the L. E. Jones manufacturing plant. They are the world's largest producer of valve seats. Doug Doolay, KD8OVR, guided the group through the entire process, up close and informative.

The summer meeting was held in conjunction with the U. P. Hamfest in Escanaba, MI, on Aug. 6th. We now have a person interested in working on our website at QCWA219.org. Certificates were handed out to Ed



*John, WD8RTH, presenting Dave, W8DXX, with his 55-Year Certificate.*



*Dave, W8DXX, presenting Ed, K9FQC, with his 50-Year Certificate.*

Wruk, K9FQC, 50 years; and Dave Arnold, W8DXX; 55 years. Our fall meeting will take place at the Fox Cities Amateur Radio Clubs Swapfest in Menasha, WI on Nov. 6th. We will be setting up a QCWA information table also.

Wishing our fellow QCWA members happy haming in 2012!

***John Anderson, WD8RTH***

## LAST MINUTE ADDITION!
## Chapter 181, Hudson Valley (NY)

Hudson Valley Chapter 181 held its annual meeting at the San Martino Ristorante in Yonkers, New York on Saturday, June 18, 2011. This was a joint meeting with Founder's Chapter 46 and the Council of Northeast Chapters of QCWA (CONEX).

Everyone enjoyed the excellent Luncheon. Our guest speaker, Tom Rafaelli,WB2NHC, then gave a power point

presentation of Emergency Communications in Westchester County, New York. (Westchester County is just north of New York City). Tom is the Communications Chairman at the Westchester Chapter of the American Red Cross. He also is the ARRL Emergency Coordinator and the RACES Radio Officer for Westchester County. He serves as the Director of Emergency Services of the Westchester Emergency Communications Association (WECA), the local Club that maintains the local two-meter repeater; which is the important link for local communications.

This is the same presentation Tom gives to Red Cross workers, with a special question and answer period devoted to information interesting to the hams present. He emphasized that hams provide emergency communications for the county at a moment's notice, at their own expense and with their own equipment. He recalled how immediately after the 9/11 catastrophe, hams rallied to provide the only communications between the police, fire fighters and other emergency services, who were unable to communicate with each other because of their different operating frequencies. Each emergency services leader had a ham "shadow" 24/7 to provide communications among the various emergency services. Tom's group was able to send down about 200 hams, daily for two weeks on a 24-hour basis.

The group also supplies hundreds of hams to aid in the famous New York Marathon, held every November.

The WECA group has a tradition of working on improving emergency response, including the ability to communicate anywhere in the County by handheld walkie-talkies via the WECA repeater, (147.660 - 147.060)

Together with the American Red Cross they have assembled an incredible, state-of-the art, emergency group.

Acting Treasurer Sy Yuter, W2NBT, gave the treasurer's report and we are in great financial health. The Club donated $100 to the QCWA Scholarship Fund.

We were especially saddened by the passing of Stan Egelberg, W2WQK, our Secretary-Treasurer. Stan did an excellent job of carefully monitoring our funds and always located a great restaurant for our meetings. He was a great guy and will be missed.

Chapter 181 held an election for officers and directors and the following were elected: President-Treasurer, Sy Yuter, W2NBT; Vice President, Lou Leonard, WA2UIJ; Secretary, Mike Sturm, KA2E. The following directors were elected: Frank Lauri, W2IX; Gus Levy, W2LAP; Manny Cohen, K2ILF; Mike Rapp, KA2FLB, and Stu Ballinger, WA2BSS.

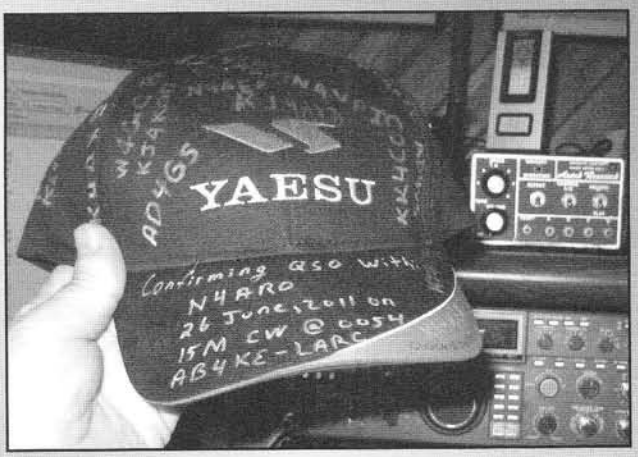
The Hudson Valley Chapter net meets every Sunday at 8:15 on 3.917 mhz.

***Sy Yuter, W2NBT, President-Treasurer***

## QCWA Forum at Ham Holiday!

*From left to right, James Molledahl, AB5FS; Jerry Rader, W5UGM;Mark McGiluray, K5MRK; Mike Mello, N5MJ,;Jim Speck, W5AI; and Gene Hawkins, KA5CNT.*

## Now THAT'S a QSL!




*During this year's Field Day, in addition to operating some CW with my local Ham Club as W4ABR, I also operated using my own call (N4ARO) from my home QTH in hopes of being able to make some contacts in order to add a few more cards to my collection of QSLs for 5 Band WAS.*

*I was happy to receive back a good percentage of responses to the half a dozen or so cards that I sent out from those Field Day contacts. One straggler though was a QSL I was looking for from GA on 15M CW. I had worked AB4KE, the Club Call for the LaGrange (GA) ARC and it was one of the last QSLs to arrive. It arrived last night in a large but light-weight box from UPS.*

*Imagine my surprise when I opened it to find a fine Yaesu Ball Cap with the QSL information printed on the bill of the cap and signed withe the call signs of 21 members of the Club. Now that's a QSL. Thanks to the LaGrange Club and to Cary, KD4NTS the QSL manager of the club, for this imaginative QSL. It is one of a kind in my collection and much appreciated to confirm our contact.*

*73 Dick, N4ARO*

# Evolution of the Receiver

By Jim Wise, W4PRO. Reprinted from The Virginia QCWA News, V6, Nr. 32

At first listen, the receive section of almost any modern transceiver is great compared to the best we could get some years ago. If you look at the specs on recently manufactured rigs, you'll see that the differences are very small and that some of the specs were not even listed for receivers years ago when all they told you were the sensitivity, selectivity, and audio output power. Sensitivity was pretty much determined by the choice of vacuum tube in the front end. Since about everyone used a 455 khz I.F., the selectivity was a function of how many I.F. stages it had and whether it had a crystal filter. Audio output power was important because most hams had started out using amplitude modulation, and because they used their receiver for other than ham radio. We didn't have FM and stereo, so they listened to the broadcast band. Many of us started out as short-wave-listeners. Hearing the west coast in the middle of the night on AM was a big deal.

**THE CRYSTAL SET.** What does it take to make a receiver? It starts with the detector and that was the only stage in the first receivers. Everything between that and the antenna makes it more sensitive and selective. Everything between the detector and output (phones or speaker) makes it louder. I know that is a rather simplistic description considering the elegance of modern rigs, but that was how receivers were made in the early days. Then vacuum tubes came along.

**THE REGENERATIVE RECEIVER.** It is a well-known principle that feedback in any system either increases or decreases the gain. Positive feedback is the principle used in the regen. Part of the amplified incoming signal is fed back into the input. If carried to the extreme you have an oscillator, but below the level of oscillation, extremely high levels of amplification are achieved. Howard Armstrong, inventor of FM radio, demonstrated his regenerative receiver at technical meetings while enclosing it in a box before he patented it in 1914. The previous invention of the vacuum tube by Lee DeForest had made this possible.

**THE TRF RECEIVER (TUNED RADIO FREQUENCY).** By adding one or more amplifier stages before the detector, weaker stations could be heard since the signal must be higher in amplitude than the threshold of the crystal detector to be heard at all. Even with several audio amplifiers after the detector, you couldn't hear the weak ones. And they amplify everything. Selectivity zero. The solution is tuned circuits ahead of the detector to discriminate against unwanted signals.

To get more and more selectivity, designers used several tuned circuits ganged together, all resonant at the same frequency. This was accomplished by rotating several variable capacitors at the same time on a common shaft. To keep each tuned circuit on the same frequency throughout the entire rotation of the capacitor, most designs added trimmer and padder capacitors. A separate, smaller variable capacitor in parallel with the main tuning capacitor, and a band switch reduced the tuning rate so that the receiver could be more easily calibrated. Separate coils for the different bands made the design even more complicated and tracking more difficult. Many TRF receivers were built by hams before WWII, but by that time, the superior performance of the super heterodyne signaled the end of that design by all but the most dedicated receiver builders.

**THE SUPERHET.** The weakness of the TRF was that the only selectivity was at the operating frequency. As the higher frequencies came into wider use, this became more and more of a problem because making high-Q coils becomes more difficult as the frequency is increased. The Q of the circuit is what determines its ability to discriminate against adjacent signals. The higher the Q, the better. Even if you can get a decent Q at one frequency, it is almost impossible to maintain it over a wide range because of imperfect tracking of the variable capacitors. The solution is to build your receiver with the desired selectivity on a single frequency and convert the desired signal to that frequency. The tracking problem is greatly reduced and by using a very low frequency, you can get very sharp selectivity. The process of converting the input signal to that fixed lower frequency is called heterodyning, mixing, or converting. The fixed frequency is called

**We didn't have FM and stereo, so they listened to the broadcast band. Many of us started out as short-wave-listeners. Hearing the west coast in the middle of the night on AM was a big deal.**

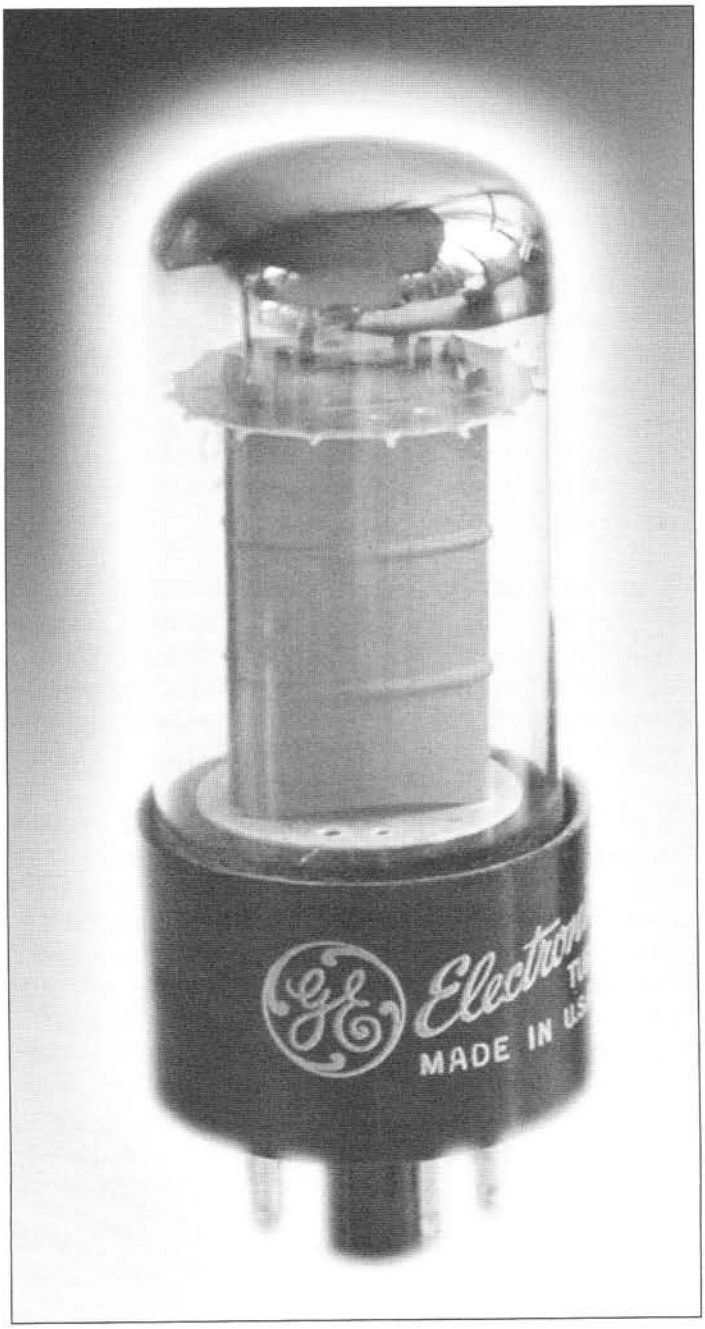
**To keep each tuned circuit on the same frequency throughout the entire rotation of the capacitor, most designs added trimmer and padder capacitors. A separate, smaller variable capacitor in parallel with the main tuning capacitor, and a band switch reduced the tuning rate so that the receiver could be more easily calibrated.**

the intermediate frequency (I.F.) since it is between the radio frequency (R.F.) and the audio (A.F.) frequency. For some reason I have never known, the typical I.F. was 455 khz in almost every early receiver.

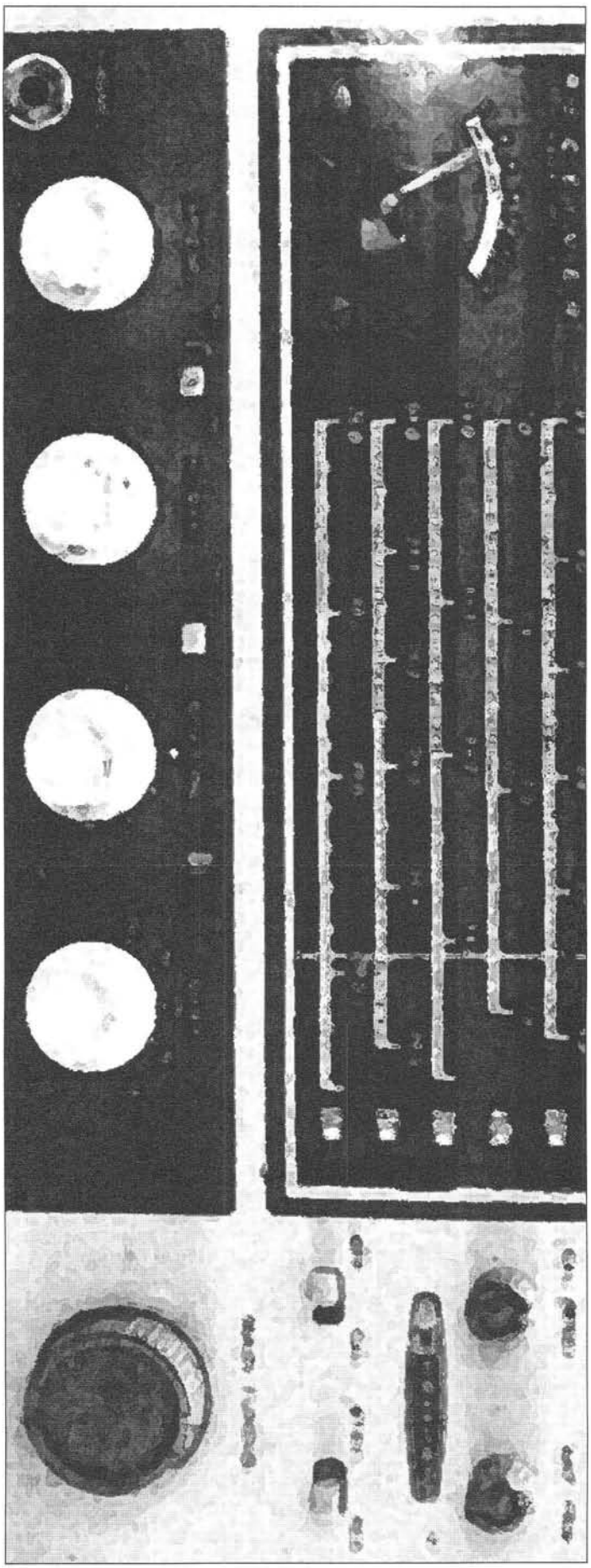
The heterodyne principle is that when two frequencies are combined, sum and difference frequencies are created. The two frequencies combined are the incoming desired signal and a local signal created by an oscillator in the receiver. The frequency of the local oscillator is controlled by a capacitor section added to the tuning capacitor used in the TRF. When the local oscillator is combined with the incoming, two new frequencies are created, the sum and the difference. For example, an incoming signal at 3550 kHz mixed with a local oscillator at 4005 kHz would produce 455 kHz (our I.F.), but it would also produce 3550 +4005 = 7555 kHz. Alternately, 3550 kHz mixed with 3095 produces the same 455 I.F. Local oscillators usually operate higher than the signal frequency. It should be noted that since sum and difference frequencies are produced in the mixing process, an unwanted signal 455 kHz above that 4005 kHz local oscillator would also produce a signal at 455 kHz. That signal is called the image frequency. Images come right on through just like the desired signal unless steps are taken to minimize it. There are two solutions. One is selectivity in the RF stages ahead of the mixer. The second is to use a higher local oscillator frequency which makes the image further away from the operating frequency.

Many super heterodyne receivers connect the mixer directly to the antenna without an R.F. amplifier which leads to problems. One is that the local oscillator signal can be transmitted and interfere with other services. Another is that there is no image rejection. Even with one or more R.F. amplifier stages between the mixer and antenna, images get to be a problem when the I.F. is a small percentage of the incoming. On ten meters, for example, with a single conversion receiver with an I.F. of 455, the image is less than 2% from the frequency of the desired station. You are going to hear stations on the image frequency, they are going to be inside the ten-meter band, and you can't tell the difference between them.

To get around the image problem, designers have taken advantage of improved vacuum tubes and solid-state devices by operating the local oscillator at a much higher frequency. The resulting first I.F. is converted a second (or a third) time to a lower frequency where the desired selectivity can be obtained.



**Digital technology has now revolutionized receiver design to produce the marvelous transceivers we have today. Where the frequency stability was once determined by a free-running local oscillator, we now have superb accuracy and stability due to crystal control.**



Digital technology has now revolutionized receiver design to produce the marvelous transceivers we have today. Where the frequency stability was once determined by a free-running local oscillator, we now have superb accuracy and stability due to crystal control. Manufacture of the quartz crystals themselves has also benefited from advanced technology by lowering prices and reducing draft due to temperature changes. It is surprising how many Dx spots on the cluster are dead on frequency. There was a time when I stayed ten kilohertz from the band edge to make sure I didn't get a 'pink ticket.' Just walking across the floor caused quivering in the receiver. Transmitters were affected the same way. Some stations drifted so much you had to chase them across the band during a transmission and find them when they came back to you.

We are no longer turning a variable capacitor when we spin the dial. We are turning a digital shaft encoder which is counting pulses. If the several stages of conversion and their amplifiers don't give you all of the selectivity you want, you can just crank in some more with the digital signal processor.

My FT-1000D is about 20 years old now and I am sure there are better rigs out there, but it is such an improvement over the two-tube regen I started with that I can't get excited about trading up. You may remember a cartoon character in CQ magazine named Hashifisty Scratchy who bragged that with his souped-up receiver, he could hear two wires scratching together in Outer Mongolia. You could probably do that today if there weren't a zillion of us on the air...all trying to work the same guy at the same time. The DXpedition to Southern Sudan started up just a few days ago and after listening to the pileups, I'm ready for some further receiver evolution, perhaps something along the lines of ESP.

# Novice History

Part 16 in a Series for the QCWA Journal
Novice Historical Society, www.Novice.bappy.com
Cliff Cheng, Ph.D., AC6C, formerly WN6JPA (1975)

## 1964 and New York City's Radio Row

*Headnote – Many hobbies like amateur radio do not have a well documented "history." This "history" was compiled from many sources (see endnote); some of them are contradictory. This history is incomplete and should be regarded as a work in progress. There is an absence of YL, minorities, disabled hams and hams from the U.S. territories in this history for they are historically under-represented in ham radio.*

Welcome to our sixteenth installment in a series of articles on the history of the Novice license in American amateur radio history. In the Spring 2008 issue of the QCWA Journal we looked at structure of the Novice license when it was introduced in 1951. In article two, Summer 2008, we looked at 1951, the earliest Novices. The third article told about the early-1950s. The mid-1950s, were covered in the fourth issue. In the fifth installment we looked at the late-1950s. The sixth article considered what it would take to become the first Novice to earn the DXCC award. The next article we told the story of how Bill Tippett, W4ZV, formerly KN4RID, was the first Novice to DXCC. After that we told the story of the chase to become the first DXCC. The two articles after that discussed early-Novice callsigns. The eleventh article took a first look at school-based amateur radio programs. The twelfth through fifteenth articles discussed 1960, 1961, 1962 and 1963 respectively. This article shall discuss 1964, the fourteenth year of the Novice license.

In 1964 there were about a quarter-million hams in the U.S.; 360,000 worldwide (QST, Jan. 1964, pp. 9). (Note - There was not a breakdown by license class available.)

In the mid-1960s, the supply of unissued "WA" prefixes was exhausted in the second, fourth and sixth call districts. The FCC started reissuing vacant "WA" call signs.
1964 Novice Roundup happened between February first through fourteenth (QST, pp. 57). QST did not report the number of Novices that took part; only that it was a 24.3% increase from last year (Aug. 1964, pp. 57). 309 Novices took part in the contest in 1963 (QST, July, pp. 18). If there was a 24.3% increase in 1964, this means there were 76 additional Novices taking part in 1964. 1964 then had 385 Novice participants. There were also 102 non-novices that took part in 1964 (QST, Aug., pp. 57). Robert E. Dixon, WN8HQI, Columbus, OH, won Novice Roundup in 1964 with 26,580 points (QST, Aug. 1964, pp. 57). Robert is no longer in the FCC database. Roger L. Hoffman, WN9IYU, Rock Falls, IL, was third place with 18,144 points (QST, Aug. 1964, pp. 57). We found Roger, who is now N4RR/PJ4R. He told us briefly he was heading off to Aruba to work the CQWW RTTY contest. Novice Roundup started him in contesting and he has been doing it ever since. We hope to interview Roger when he gets back and publish the results on our website www.NoviceHistory.org). Jerry Keisler, WN5KZA, now WA5KZA, took first place in OK Section in the 1964 Novice Roundup (see his certificate and picture, and read his story on our website). Space limitations do not permit us to discuss Novice Roundup further, nor summarize Lou McCoy's QST Beginner and Novice column. Please visit the website of the Novice Historical Society, www.NoviceHistory.org, which supports this column.

Pawtucket, Rhode Island, 8-year-old Geoff Allsup, W1OH, took a period of several years to become a Novice starting with a Lafayette 10- to-1 electronics experimental kit, which led to a Knight Kit Ocean Hopper SWL receiver, then a Knight Kit R-55 SWL receiver, then to CB. An article in Boy's Life told Geoff about ham radio and he became a Novice, WN1BFI in January 1964. Geoff's very supportive father bought him a Hammarlund HQ-180A a month earlier and a transmitter with room to grow, a E.F. Johnson Viking Valiant II, which he used within Novice limits. He made his first contact on January 24, 1964 with his friend Ed, WN1BFH, whom he knew from CB.

Dave Bartley of Muskegon, MI, WN8KOY's Letter to QST's Editor, reported he was winding coils to build a 75M transmitter (Mar. 1964, pp. 78). We found Dave as K5EI. His elmer, Phil DeCaire, WA8DND, now WB7AEI, was actually younger than Dave. Phil was a CW whiz. May 1964 QST printed a Strays item saying there was a daily Student's Traffic Net which met on 3868 kc - but did not print the name of a contact person so we have no way of tracking this lead (pp. 56).

Craig E. Kershow, KN3ZEE, Gaithersburg, MD, had his Hint n' Kinks printed in May 1964 QST in which he suggested that parts could be stored by hanging them in sandwich

bags with a label (pp. 59). Craig is no longer in the FCC database.

August 1964 QST reported that David Mallory, WN4LBO, Cowpens, SC, passed his Conditional exam (pp. 35). When his new Conditional license arrived the callsign he was issued was WN4LBO. Using a Conditional license that had been issued with a Novice callsign caused confusion amongst those who worked him (pp. 35). He was later issued WA4LBO. We found a David H. Mallory who is N4VW but could not reach him.

QST warned Novices that the frequency stamped on a crystal maybe in the Novice sub-band but if it is close to the sub-band edge the true frequency may vary due to the circuits in which it is plugged into (Aug., 1964, pp. 35). Douglas Stivison, WN2MYU, Uniondale NY, now NR1A, wrote a complaint letter to the Editor of QST about the ARRL's special event station, K2US, at the World's Fair (Aug., 1964, pp. 152, 154). He was rudely told since he was only a Novice he was not allowed to operate the station, even using Novice privileges and "shooed" out of the station. QST apologized, not for the rude treatment Doug received, but for their failure to inform Novices they could not operate due to heavy demand. We find it unfortunate that a newcomer and child of only 13-years-old was treated rudely and when he sought compassion from the ARRL for this breach in ham radio etiquette he was rebuffed. We were concerned for Doug that such a young Novice not be discouraged from ham radio, so we set out to find him. We found Doug with a distinguished history in ham radio having been an Assistant Editor of Ham Radio magazine and then an Associate Editor of 73 magazine. In 1971, Doug was 73's Novice columnist. After Doug left 73, there were different hams who wrote Novice stories but for short periods of time.

*He was rudely told since he was only a Novice he was not allowed to operate the station, even using Novice privileges and "shooed" out of the station. QST apologized, not for the rude treatment Doug received, but for their failure to inform Novices they could not operate due to heavy demand.*

WN2HAQ wrote QST that his landlord would not allow him to have an antenna so he loaded up his curtain rods in his apartment (Dec., 1964, pp. 25). There was no mention of what his SWR was and how well he got out so we sought to find him. His call was not listed in the Callbook.
We interviewed Bob Burns, WN6KPR, now N6ZH, was listening with his headphones in 1964 when a signal so strong came it made both him and his receiver jump. That signal was from Lenore Jensen, W6NAZ (SK) who lived in the hills above Bob in the Sherman Oaks suburbs of Los Angeles. Lenore had a 85 foot tower and a 5 element 20M monoband beam. Bob and his wife, and Lenore and her husband, Bob Jensen, W6VGQ (SK) would become very close friends. When Bob Burns upgraded, he would become Lenore's right hand as they made 10,000s of phone patches for the GIs during the Vietnam War (see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*To newer hams who tend to be appliance operators, it is hard for them to understand that for the first three decades of the Novice era, most Novices either built a transmitter from scratch, built a kit or bought a used rig, probably a very old one or WWII surplus in which they had to learn to restore.*

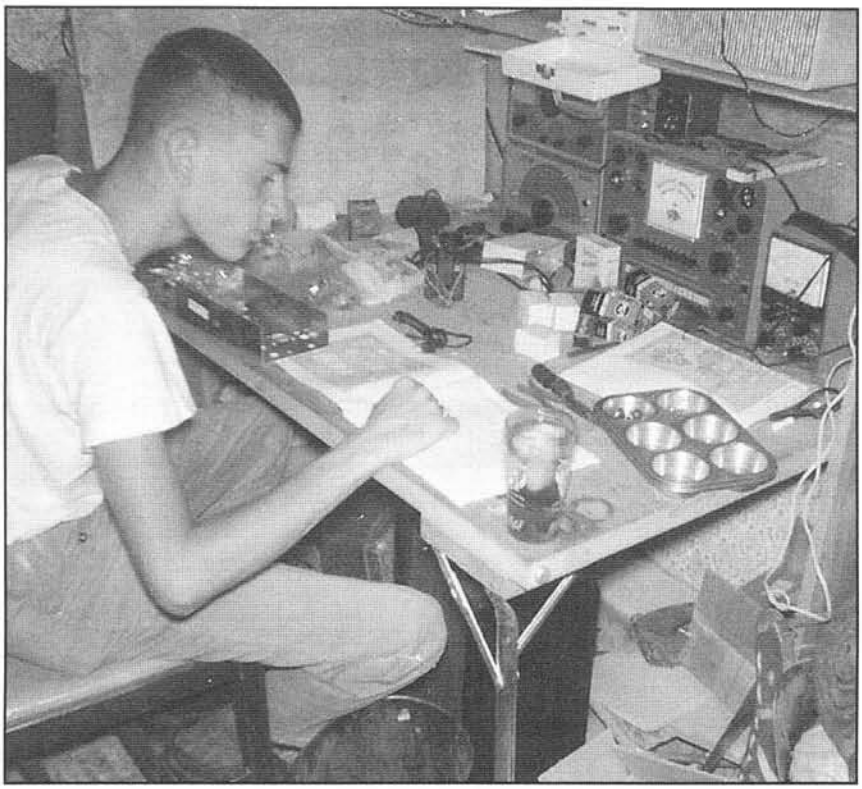
Lenore's story, www.KI6CM.bappy.com).

In 1964, John Ruckert, WB6ATN, was licensed as a Novice, WN6LQO, in Desert Hot Springs, CA. In the 1970s he taught a ham radio licensing class at the Braille Institute in Los Angeles, CA. He also said in our interview of him that he ran a 40M Novice net on the weekends for his students.

In the mid-1960s New York City's Radio Row on Cortland Street was torn down to make way for the World Trade Center. Prior to this, 15-year-old Cresskill, New Jersey teenager, Ken Widelitz, K6LA / VY2TT, who was WN2TFK at the time, and his other 8th grade ham friends made several trips to Radio Row in mid-1960s:

Our trip consisted of the bus to the George Washington Bridge, which we usually walked across, to save money. Then a long subway ride on the A-train, off at Canal St. Small dusty store after store, each with racks and racks of small cardboard boxes filled with parts. One store had the best price on resistors, another specialized in transformers, another in tubes, etc. We came to know them all. Ken used the parts to build a 6146B 40W CW 40-80M transmitter in 1964.

Building or getting the money to buy a rig, putting up an antenna were not the only obstacles on getting on the air. Ken worried about getting cited by the FCC: Newer hams who tend to be appliance operators, it is



***1965: Jerry Keisler, WN5KZA, building his electronics lab one piece at a time. Photo used by permission.***

# ALL POINTS BULLETIN! URGENT!

**TO ALL VALUED AND PRIZED QCWA MEMBERS**
**THE QCWA TREASURY NEEDS YOUR HELP!**

***Have your dues lapsed?***
***Is your renewal envelope hiding under the TV Guide?***
***Can we count on you for assistance at this time?***

**We thank you in advance - Your Finance Committee and General Manager**

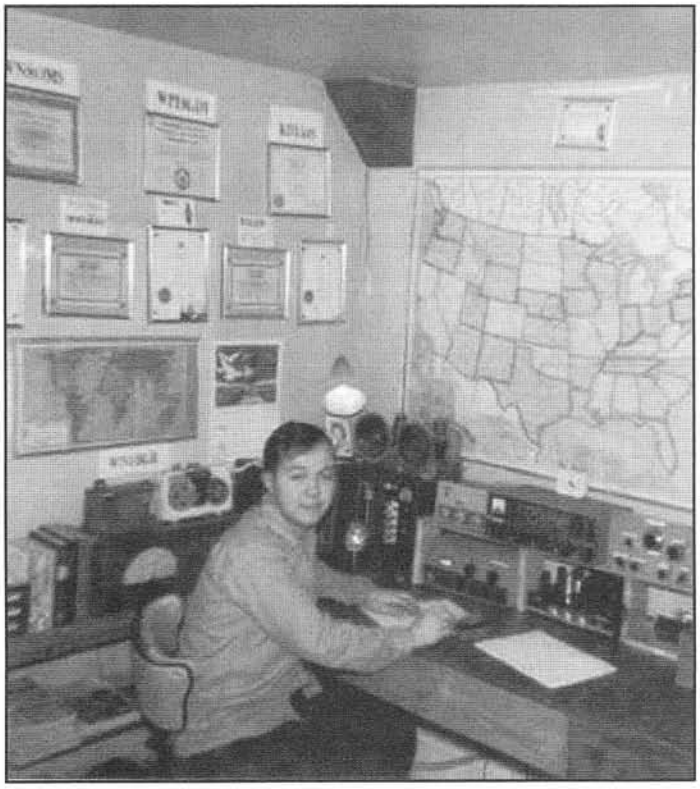
*John, NS5Z, says it was not just elmers he was grateful for – "My older brother scraped up the money somehow and bought me some QSL cards for my birthday and I don't think that I ever thanked him enough. He also used to climb the big willow tree in the back yard and adjust my long wire for me."*

hard for them to understand that for the first three decades of the Novice era, most Novices either built a transmitter from scratch, built a kit or bought a used rig, probably a very old one or WWII surplus in which they had to learn to restore. There were many pitfalls to transmitting a clean and stable signal that a "shack on a belt" hams (one who only has a VHF/UHF HT) have a hard time understanding.

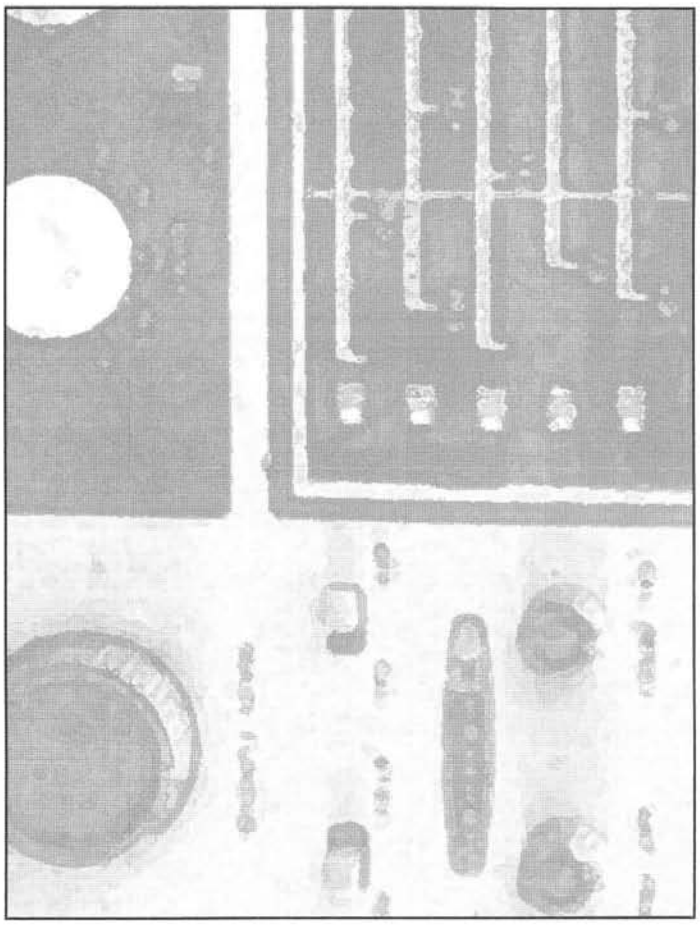
John Shidler, NS5Z, who was WN5JSG in his Novice year built a Knight T-60 transmitter, as did fellow 1964 Novice Phil Salas, WN3BCQ, now AD5X. John shares - "In the last few years, I have turned to QRP building and operating to try and get back some of that early (Novice) thrill and I believe that it has worked." See Jerry Keisler, WN5KZA, now WA5KZA, picture on previous page of him building his 1964 Novice station.

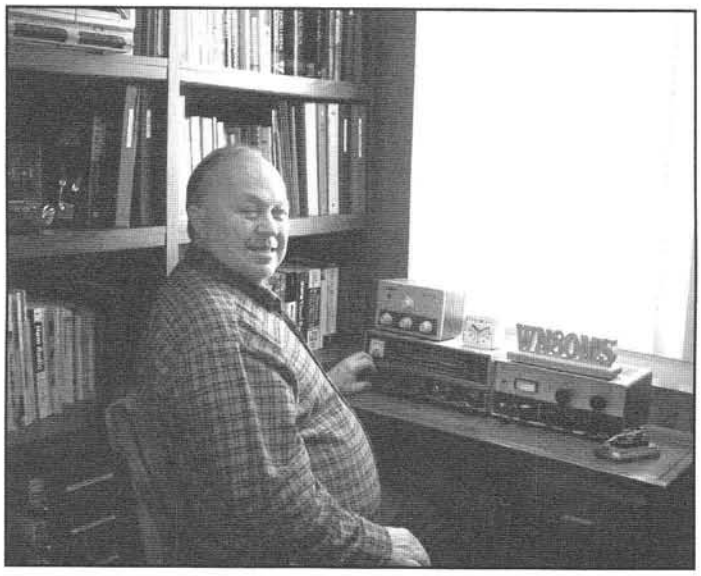
John, NS5Z, explains how being crystal controlled developed the operating skill of working split – "In those days we were "Rock Bound" and could only use Crystal Control. Since I and most young Novices only had a few crystals we worked "split". We would call CQ, then tune up and down the Novice band listening for another station to call us on his frequency." Another 1964 Novice, WN3BCQ, Phil Salas, who is AD5X these days, describes working mixed mode:
I called CQ on my Knight-Kit T-60 (receiving on my Knight–Kit R100A) and was answered by VE3QE who was operating SSB. This was extremely exciting for me, and was my first (and I think only) cw-to-SSB QSO. I no longer even have the log books from my early days, but I'll never forget his call!" Galion, Ohio's Mike Betz, WB8ZFQ, also built a Knight T-60 in 1964 as WN8OMS. In 2006 Mike bought another Novice station and restored it. Mike's 1964 picture and his recent picture of him and his restored Novice station are below.

John, NS5Z, says it was not just elmers he was grateful for



***Mike Betz, WB8ZFQ in his Novice days! Photo used by permission.***





***Mike Betz, WB8ZFQ, after finishing finding and recreating his Novice station. Photo used by permission.***

– "My older brother scraped up the money somehow and bought me some QSL cards for my birthday and I don't think that I ever thanked him enough. He also used to climb the big willow tree in the back yard and adjust my long wire for me." John says: How exciting that was!!! The thrill of hearing some guy tapping out your callsign was pure pleasure. (Just an aside here, although I grew up to be a young adult in the 1960s, I never experimented with drugs, perhaps the reason was that I received such a rush while making contacts that I never was tempted).

Please read our next article on 1965 Novice history and visit our website www.Novicehistory.org. If you have a Novice story or pictures to share, please send it to us over our website.

Sunday Night QCWA Net – Please check into the QCWA's Sunday night, 7:30pm (PST) net. All QCWA members from all QTHs are invited to check in through EchoLink, node 8722, K6VGP-R or IRLP, 3556, or if you are in the Los Angeles area via RF on the DARN.org repeater system, K6VGP.

**References** – See the disclaimer in the headnote. Most of the history in this series is based on stories told by Novices of the era on the website of the Novice Historical Society, www.Novicehistory.org. Steve Melachrinos, W3HF's callsign history research has been invaluable in documenting historical facts that have shaped this series. The background information in this series comes from several sources. One of the main background sources is Bill Continelli, W2XOY's "The Wayback Machine" http://ham-shack.com/history.html amateur radio history series. Rodney Dinkins, AC6V's (SK) outline was helpful, www.ac6v.com/.

*Cliff Cheng, Ph.D., AC6C, has been a happy ham since 1975 when he earned his Novice license, WN6JPA, at John Burroughs Jr. High School in Los Angeles. Cliff's teacher, Ted Ryan, WB6JXY (SK), was a ham radio teacher for 35 years and grew a large and rich ham radio culture at school by teaching 6 Novice classes a year, plus another 6 Novice classes for the San Fernando Valley Amateur Radio Club, W6SD. Ted's memorial site also contains Novice history, www.TedRyan.bappy.com. Cliff started the Novice Historical Society so hams could share their Novice stories and pictures, www.Novicehistory.org. Cliff put up a webpage to honor Lenore Jensen, W6NAZ (sk) who historically was one of ham radio's most significant YLs, www.KI6CM.bappy.com. Cliff is a QCWA (33455) and ARRL Life Member. Cliff also is Net Control Station for the Sunday Night QCWA Net, see above. He can be reached at: AC6C - at- ARRL – dot- net if you care to share your Novice story and pictures.*

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# CAPITOL HILL THREATENS THE 70 CM HAM BAND

*By: Val L. Erwin, W5PUT, QCWA Director*

**Introduction:**

Each of your Officers, Board Members, and General Manager of the QCWA wear many hats to keep our organization running smoothly. In addition to my standard duties as a QCWA Board Member, I also chair the U.S. side of the External Relations Standing Committee. (Skip Swenson, WB6VVA, QCWA Director, chairs the Canadian side of the border.) What exactly is the "External Relations Standing Committee"? It simply is a committee within the QCWA whose job it is to stay aware of what external organizations might be doing that ultimately might have a direct impact on the QCWA, its Members, and you as a licensed amateur radio operator. As an example, some of the external organizations that I interface with are the FCC, ARRL, CQ Magazine, Underwriters Laboratories, to name a few.

The updated information contained within this document has been presented in part at three venues: the 2011 Dayton Hamvention, the 2011 QCWA Board of Directors Meeting and the associated QCWA Convention in Warwick, RI, in September of 2011.

Before getting into the issue of the current threat from Capitol Hill, I would like to bring you up to date with another threat to our hobby, broadband over power line more commonly referred to as simply "BPL".

**BPL:**

In recent past years, the hot bed of concern among amateur radio operators has been the deployment of BPL (broadband over power line) hardware and its RF interference effects upon our ham bands. Now that improvements have been made in BPL technology, most specifically the ability to notch-out those band portions of the RF spectrum that might coincide with either amateur or other critical RF communications, the interference reports have drastically decreased. That is not to say that BPL has ceased to be a problem but we need to continue our vigilance in this area as some public utility companies still continue to try to deploy some of the earlier, interference causing, hardware for purposes of network monitoring.

**Capitol Hill Threatens 70 CM with H.R. 607:**

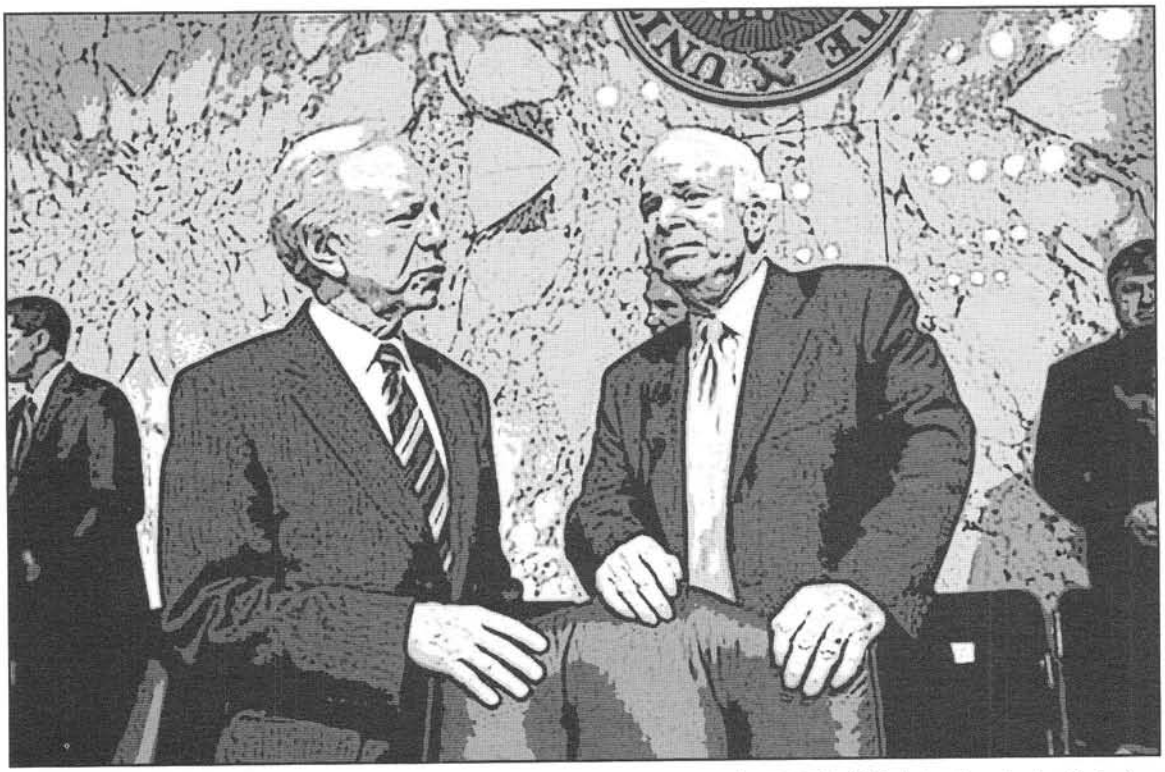
The QCWA External Relations Standing Committee's area of higher concern is now the careful monitoring of the status of the U.S. House of Representatives Bill introduced as the "Broadband for First Responders Act of 2011" or H.R. 607. That House bill was introduced by Representative Peter King (R-NY), Chairman of the House Homeland Security Committee, on February 10, 2011. What prompted Peter King to introduce this bill? It was done at the urging of the White House which in turn was brought about by the failure of emergency organizations to be able to fully communicate during times of national emergencies such as the attack on the

World Trade Center/Twin Towers disaster in New York City on September 11, 2001 and hurricanes sweeping the gulf and eastern coastlines during later years. These types of disasters have made emergency/disaster organizations more fully aware that they are not able to fully communicate. The confusion that ensued when the NYC Fire Department was not able to fully communicate with the NYC Police Department during and immediately after the attack on the World Trade Center/Twin Towers was massive! Remember that old 50's B/W TV show "You Bet Your Life"? During that show, the host, Groucho Marx, would always announce a "secret word". Now, with regard to future mandated optimum communications, the "secret word" that you will hear more and more is "interoperability" which simply means to be able to reliably communicate between different agencies in times of need and disasters so that aide can be delivered effectively to individuals and communities.

Following its introduction to the House of Representatives, H.R. 607 has since been given to the House Energy and Commerce Committee which orchestrates telecommunications legislation. Specifically, H.R. 607 addresses certain spectrum management issues to include the creation/maintenance of a new proposed nationwide Public Safety broadband network:

***The confusion that ensued when the NYC Fire Department was not able to fully communicate with the NYC Police Department during and immediately after the attack on the World Trade Center/Twin Towers was massive!***

The Bill proposes to distribute the "D-Block" of the 700 MHz frequency range for Public Safety use, strangely on a non-FCC auction basis. The "D-Block" consists of two, 5-megahertz wide 'chunks' of spectrum, 758-763 and 788-793 MHz which became available when the FCC ceased authorizing analog TV broadcasts. But, in order to recoup the loss of revenue that would have occurred had there been an FCC auction of the D-Block, the Bill proposes to instead auction/reallocate the paired 420-440 MHz and 450-470 MHz bands for commercial usage within 10 years of the passage of the Bill. Frequencies sound familiar? Thus, as currently written, this Bill is a direct attack upon the amateur radio 70 cm band!! Obviously, the proposed loss of the 420-440 MHz band would be catastrophic to many ham radio operators! It is important to note that even though the 420-440 MHz band is not currently an official Public Safety frequency spectrum for hams, it is used on a regular basis by hams for public service functions to include coordination of assistance for emergencies such as tornados, floods, hurricanes, etc. It is also used extensively for the development of new technologies/experimentation, weather



***Left: Senator Joseph Lieberman (CT), co-sponsored by (right) Senator John McCain (AZ), introduced what is being termed by some as a "Companion Bill" to H.R. 607.***

***Since the introduction of H.R. 607, I have received several reports that Representative Peter King (R-NY), Chairman of the House Homeland Security, has been directly approached by the ARRL, ham radio clubs and ham radio constituents of their concerns about H.R. 607 as it relates to ham radio.***

spotting, and satellite communications, to name a few.

Since the introduction of H.R. 607, I have received several reports that Representative Peter King (R-NY), Chairman of the House Homeland Security, has been directly approached by the ARRL, ham radio clubs and ham radio constituents of their concerns about H.R. 607 as it relates to ham radio. To date, even though the rumor is that Representative Peter King has implied that the Bill will be edited such that it does not conflict with the ham spectrum, this writer has not detected anything official in that regard coming out of Peter King's office or from the House Energy and Commerce Committee. My attempts to communicate with Representative King have been unsuccessful. While discussing this subject matter at the QCWA Members Meeting at Warwick, RI, President Kay Craigie, N3KN, of the ARRL echoed similar problems in communicating with the busy Representative King. Therefore, until we can ensure that H.R. 607 has truly received a rewrite and has ceased to be a threat to ham radio, its approval and endorsement should be carefully scrutinized at arm's length.

**A Capitol Hill Solution Is Presented:**

On May 19, 2011 Senator Joseph Lieberman (CT), co-sponsored by Senator John McCain (AZ), introduced what is being termed by some as a "Companion Bill" to H.R. 607. Personally, I would prefer the use of the term "Replacement Bill". Senator Joseph Lieberman's bill, also called the "Broadband for First Responders Act of 2011", has received the Senate designation of S. 1040. It amends the Communications Act of 1934 to increase the electromagnetic spectrum allocation for public safety services by 10 megahertz and reduces such allocation for commercial use by the same amount. It directs the Federal Communications Commission (FCC) to:

(1) allocate the paired electromagnetic spectrum bands of 758-763 megahertz and 788-793 megahertz (referred to as D Block) for public safety broadband communications and license such paired bands to public safety;

(2) establish rules to permit a public safety broadband licensee to authorize public safety service providers to construct and operate a wireless public safety broadband network in the public safety broadband spectrum;

(3) require the wireless public safety broadband network to be fully interoperable, provide for user roaming and priority access to public safety entities, be disaster survivable, have appropriate cyber security, and enable authorized users to develop local networks;

(4) authorize the shared use, sublicensing, or leasing of the public safety broadband spectrum and network infrastructure by entities that are not defined as public safety services;

(5) allow use of the public safety broadband spectrum by emergency response providers; and

(6) establish rules enabling nationwide wireless public safety broadband network interoperability and roaming across any commercial network.

Other notable points of this Senate Bill are to direct the Secretary of Commerce to:

(1) establish a grant program to assist states, municipalities, and Indian tribes to establish a nationwide public safety interoperable broadband network in the 700 megahertz band, and

(2) administer a program through which not more than 50% of maintenance and operational expenses associated with the public safety interoperable broadband network may be reimbursed from the Maintenance and Operation Fund.

**The Bill also directs:**

(1) the Assistant Secretary of Commerce to identify at least 15 megahertz of contiguous spectrum between 1675 and 1710 megahertz for reallocation, and (2) the FCC to auction various specified spectrum ranges.

(2) each federal law enforcement agency, within 10

***The Bill proposes to distribute the "D-Block" of the 700 MHz frequency range for Public Safety use, strangely on a non-FCC auction basis. The "D-Block" consists of two, 5-megahertz wide 'chunks' of spectrum, 758-763 and 788-793 MHz which became available when the FCC ceased authorizing analog TV broadcasts.***

years, to move all noncommercial network communications to spectrum located in the 700 and 800 megahertz bands.

(3) the FCC, with exceptions, from renewing public safety licenses between 170 and 512 megahertz. (Note: Ham radio is not public safety.)

**H.R. 607 / S. 1040 Summary Advice:**

At this point, it is very important to be cognizant of the fact that both H.R. 607 and S.1040 are merely Bills which are not yet enforceable law and thus in effect outside the jurisdiction of the FCC.

***Canadians Note:*** Neither Bill has become law in the U.S. and is thus unenforceable by the Federal Communications Commission. But historically, at such time as it does become law, I anticipate that the Canadian authorities at Industry Canada will follow similarly.

The QCWA certainly recognizes and supports the need for a dedicated Public Safety spectrum. However, as a Member of the QCWA, each of us should oppose H.R. 607 as currently written because it represents a direct threat to the 70 cm ham band. Therefore, please join the QCWA in opposing H.R. 607 while supporting S.1040 by writing your House Representative. In my travels on behalf of the QCWA, I have been actively encouraging QCWA Members to support Senate Bill S. 1040 by contacting their Senator because the Bill is indeed "ham-friendly". Since 2012 is an election year for many of the politicians, I don't expect fast action on either of these bills but we do need to be vigilant at all times.

Want to be more knowledgeable and proactive about these Bills that can have a direct impact on your ham radio hobby? I encourage each of our Members to join the QCWA Reflector which is managed by our own Webmaster and President, Bob Roske, N0UF. For information on how to join the free QCWA Reflector, merely go to: www.qcwa.org and then select "INFO CENTER". Then, scan down the left side until you see "MEMBERS" and scan to the right and select "REFLECTOR" and follow the easy sign-up directions.

New information regarding this subject matter will be released to the Membership as it becomes available on the QCWA Reflector, in the QCWA Journal, as well as on the QCWA Website. Meanwhile, the QCWA will depend on you to be proactive!

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EMAIL: qcwagm@rcn.com

# Our Newest Members!

## Winter 2011

| Date | Mem. # | Name | Call | City | ST/PR | SPONSOR | SCALL |
|---|---|---|---|---|---|---|---|
| 7/5/2011 | 35603 | TULLO, RALPH | N0LO | POMPANO BEACH | FL | JEFF BEALS | WA4AW |
| 7/5/2011 | 35604 | HODGES, LYLE | WB0WZF | OZARK | MO | | |
| 7/5/2011 | 35605 | MAY, STEVE | WA0ASM | LINCOLN | NE | CHARLES DAVIS | K0FY |
| 7/5/2011 | 35606 | FLETCHER, RICHARD E | N8CJS | LEXINGTON | OH | HARRY FRIETCHEN | K8HF |
| 7/5/2011 | 35607 | MANDELL, STEVEN | WB4DVH | LAKE WORTH | FL | JEFF BEALS | WA4AW |
| 7/6/2011 | 35608 | BAILEY, HENRY MICHAEL | W8HB | MANSFIELD | OH | HARRY FRIETCHEN | K8HF |
| 7/6/2011 | 35609 | O BRIEN, PAUL M | K1CM | WEYMOUTH | MA | | |
| 7/6/2011 | 35610 | JOHNSON, ROBERT E | WA7ZWG | BELLINGHAM | WA | JAMES S ELSTON | KP2X |
| 7/6/2011 | 35611 | COHEN, CHIP | W1YW | BELMONT | MA | | |
| 7/11/2011 | 35612 | NIXON, JAMES W | K4RVJ | REIDSVILLE | NC | | |
| 7/22/2011 | 35613 | NILSSON, LEIF ERIC | W4ALW | ROGERS | AR | | |
| 7/15/2011 | 35614 | BIOW, CHRISTOPHER | KA4AKQ | RESTON | VA | | |
| 7/15/2011 | 35615 | KNOX, EDWARD | WA6DNH | DAVIE | FL | MARK HOROWITZ | K2AU |
| 7/15/2011 | 35616 | GORDON, STEVEN H | AF4S | PLANTATION | FL | MARK HOROWITZ | K2AU |
| 7/21/2011 | 35617 | REESE, WILLIAM | W8WER | MANSFIELD | OH | HARRY FRIETCHEN | K8HF |
| 7/25/2011 | 35618 | WEILER, GORDON H | W9ZQK | ORLANDO | FL | AL LA PETER | W2AS |
| 7/25/2011 | 35619 | WARD, STEPHEN C | WC7I | OLYMPIA | WA | | |
| 7/29/2011 | 35620 | IRELAND, ROBERT J | VE9KM | SACKVILLE | NB | LARRY MC GALVY | WA9JMO |
| 7/29/2011 | 35621 | GROSS, LINDA | KA6SPS | TALLAHASSEE | FL | LARRY MC CALVY | WA9JMO |
| 7/29/2011 | 35622 | WEBB, TERRY | N0TW | MONTICELLO | FL | LARRY MC CALVY | WA9JMO |
| 7/29/2011 | 35623 | SMITH, DAVID P | K6RDK | SAN MATEO | CA | LARRY MC CALVY | WA9JMO |
| 7/29/2011 | 35624 | PRICHARD, DAVID | KA5OVO | HOUSTON | TX | LARRY MC CALVY | WA9JMO |
| 8/2/2011 | 35625 | HAMILTON, RAY H | N6GRU | VALE | OR | | |
| 8/4/2011 | 35626 | ANDERSON, ALLAN F | KC2AUB | NEWARK VALLEY | NY | WILLIAM THOMPSON | W2MTA |
| 8/8/2011 | 35627 | JUSTRA, DAMIR | 9A3VV | UMAG | | | |
| 8/8/2011 | 35628 | COLOZZE, DON | KI7AI | PRESCOTT VALLEY | AZ | | |
| 8/8/2011 | 35629 | AUSTIN, TOM N, JR | K4OTM | SAN ANGELO | TX | VAL L ERWIN | W5PUT |
| 8/8/2011 | 35630 | VOGL, HANS-JOACHIM | DG1HVL | DESSAU | | | |
| 8/15/2011 | 35631 | GOMEZ, ROBERT | KB6EGA | KURISTOWN | HI | CORKY KIRK | W6ORS |
| 8/15/2011 | 35632 | ABRAMS, CARL E | K1WIM | PUTNAM VALLEY | NY | | |
| 8/15/2011 | 35633 | ROWE, ROBERT J | K1QD | LIVONIA | MI | | |
| 8/19/2011 | 35634 | SKELTON, EARL | N3ES | WASHINGTON | DC | | |
| 8/25/2011 | 35635 | WHITE, THOMAS R | KB9KX | CENTRALIA | IL | | |

# Winter 2011 new members (continued)

| Date | Mem. # | Name | Call | City | ST/PR | SPONSOR | SCALL |
|---|---|---|---|---|---|---|---|
| 8/30/2011 | 35636 | CADICK, JOHN | N5JC | GARLAND | TX | VAL L ERWIN | W5PUT |
| 8/30/2011 | 35637 | DITTMER, RICHARD G | KH6SAT | WAIANAE | HI | | |
| 9/1/2011 | 35638 | SALT, DON | VE3PFS | MORRISBURG | ON | N R RASHLEIGH | VE3LC |
| 9/6/2011 | 35639 | MANN, JOHN A | W4JAM | FOREST | VA | LELAND W SMITH, JR | W4YE |
| 9/12/2011 | 35640 | BRYAN, LARRY D | W8LIG | ELIDA | OH | | |
| 9/12/2011 | 35641 | FINST, ALICE HALPINE | K4BMU | DELRAY BEACH | FL | JEFF BEALS | WA4AW |
| 9/12/2011 | 35642 | NELSON, ROBERT J, JR | N1EUN | NEW DURHAM | NH | E SWENSON | WB6VV |
| 9/12/2011 | 35643 | JOHNSON, CRAIG | N1JCG | EPPING | NH | E SWENSON | WB6VVA |
| 9/12/2011 | 35644 | KOCSIS, DONALD ALAN | WA8TWM | PAINESVILLE | OH | DEE LOGAN | W1HEO |
| 9/12/2011 | 35645 | MC COY, CHARLES C | K9MIT | KOKOMO | IN | | |
| 9/12/2011 | 35646 | GETSLA, STANLEY W | WA6VJY | PLUMAS LAKE | CA | | |
| 9/13/2011 | 35647 | HODGSON, ALLEN | VE3DVR | WHEATLEY | ON | | |
| 9/13/2011 | 35648 | TURPIN, PATRICIA JEAN | AB4CT | MONTGOMERY | AL | | |
| 9/14/2011 | 35649 | KOMETZ, STEVE | N7KP | SPARKS | NV | LARRY E OAKLEY | W7AB |
| 9/19/2011 | 35650 | ELLIOTT, JAMES F | K6FUI | VISTA | CA | | |
| 9/20/2011 | 35651 | JONES, JAMES P | KB2THD | JACKSONVILLE | FL | | |
| 9/20/2011 | 35652 | DIGGS, JAMES W, JR | K4AHO | ORLANDO | FL | MORT COHEN | WA2ARS |
| 9/20/2011 | 35653 | DANIELSON, BRUCE | W1WQG | BOZRAH | CT | | |
| 9/23/2011 | 35654 | HUMPHREYS, JOAN ANN | WA3TSS | SAN FRANCISCO | CA | | |
| 9/23/2011 | 35655 | HUMPHREYS, JOSEPH ROY | WA3TSP | SAN FRANCISCO | CA | | |
| 9/26/2011 | 35656 | VALENTINE, GARRY L | N8GIL | FINDLAY COURT | OH | | |
| 9/28/2011 | 35657 | KOENIG, HENRY L | WD8Q | LUCAS | OH | | |

# Board of Directors Meeting Summary and Members General Meeting Summary, September 8, 2011

## Board of Directors Meeting Summary, September 8, 2011

President Roske called the Board of Directors to Order at 0800 on September 8, 2011. Present were Vice-President Oelke, Acting Secretary Culver, Treasurer Harris; Directors: Mr. Baldwin, Mr. Erwin, Mr. Harrison, Mr. Smith, Mr. Swenson, and General Manager Walbridge. Not present, Directors: Mr. Hirsch, Mr. McCalvy, and Mr. Simpson.

President Roske welcomed the Board to the Convention and introduced the slate of candidates for office as proposed by the Nominations Committee. President Roske called for a moment of silence to reflect upon our Silent Keys. President Roske asked for approval of the agenda and the agenda was adopted. President Roske then asked for a motion from the Board and Mr. Harrison moved to appoint Mr. Culver, Acting Secretary, to the position of Secretary, filling that position following the resignation of Secretary Supina. The motion was seconded by Mr. Erwin and the motion passed. Mr. Culver assumed the position of Secretary.

President Roske introduced a candidate for Director in the 2012 election, Stephen Licht, WF2S, who was attending the BOD meeting as an invited observer.

QCWA Officers reported to the Board. Vice-President Oelke, Chair of the Search Committee, reported on progress to secure candidates for General Manager and Journal Editor Position. Secretary Culver reported on BOD motions passed since the last general members meeting in Dayton, including recognition of Leo Meyerson, W0GFQ, on his 100th birthday; extension of the contract for retiring QCWA Journal Editor D. Walbridge; adoption of the 2011 Operating Budget Proposal; approval of Honorary Member status for Ruth Cohen; approval of a dues increase effective July 1, 2012; approval for Chapter 162 to host a QCWA Cruise in 2013; approved a motion to award QCWA General Manager Chuck Walbridge, K1IGD, the Roll of Honor Award; and approved a resolution thanking 2011 Convention hosts Swenson and Makul, and host Chapters Yankee Chapter 112, Pine Tree Chapter 134, Twin States Chapter 146, Nutmeg Chapter 149, Pioneer Chapter 183, and all committee members, spouses, and assistants for an enjoyable convention. Treasurer Harris reported on the overall financial health of the organization, noting that the Endowment Fund has done well, but that we need to review our overall expenses. It was noted specifically that scholarships awarded must be funded from interest paid by the Scholarship Fund, that all expenses for the Scholarship Fund be taken from fund proceeds, and that the principal must not be spent. General Manager Walbridge indicated that all office routines are functioning normally. New items obtained for resale to members include new QSL cards, and new belt buckles. Office software has been updated. GM Walbridge indicated current membership at something around 7000, exact numbers fluctuating from time to time, including approximately 6,000 U. S. members, 250 Canadian members, and the remainder from various DX countries. The current HQ Office contract ends March 31, 2012.

Discussions were led by Chairpersons of the Standing Committees. Items discussed included a recommendation for review of the QCWA Journal Editorial Policy. A small increase in QCWA QSO Party participation was noted. Planning for the 2012 Convention in Reno, Nevada, is under way with several innovative concepts being explored. A Power-Point presentation is nearing completion that will assist local Chapters in their recruitment efforts. A caution was announced that HR 607, the Broadband for First Responders Act of 2011, still poses a threat to Amateur Radio 70 Cm band, but that SB-1040, the Senate bill provides protection. QCWA members are urged to support SB-1040. The importance of 'flying the flag' – showing the QCWA Banner at recruiting/Information tables/booths at hamfests and other gatherings was emphasized as important in generating growth of the organization.

A major topic of discussion was the need for oversight of organization expenses. Making content of the QCWA Journal relevant and timely to members

was discussed, with recommendations for increased use of the QCWA Reflector by members for short-term announcements. Increased contact with the membership is a goal of the BOD and Reflector usage is encouraged. Coordination between QCWA and the F.A.R. Scholarship Program is being examined with the desire for QCWA to be more formally identified with QCWA Scholarship recipients.

After a break for lunch, 12:00 p.m. – 1:10 p.m., the BOD was again called to order by President Roske.

New business included wide-ranging discussion concerning cost reductions and savings for the organization. Two motions were passed, one to approve solicitation of gift contributions and the second, to effect cost savings of the BOD functions at Convention. Member benefits were discussed, with a proposal to include Identity Theft Protection as a member benefit taken under consideration. President Roske named a Teller Committee for the 2012 Election – Herb Lacey, W3HL, Team Leader, with WB4DCM, W4CHX, and K4HF as team members.

President Roske proposed Walt Supina, N3WS, for the John DiBlasi Award and the nomination was enthusiastically accepted without objection. The meeting was adjourned at 3:30 p.m. with BOD members assembling for the traditional BOD photograph.

Submitted: Vic Culver, W4VIC, Secretary, QCWA Inc.

### *Members General Meeting Summary, September 8, 2011*

President Roske called the meeting to order at 0930


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a.m. and, after a moment of silence honoring QCWA Silent Keys and those who lost life in the Sept 11, 2001 attacks, welcomed members to the Convention with an overview of events.

Vice-President Oelke commented on the Search Committee to find a replacement for retiring General Manager Walbridge. Contract adjustments are being made to permit an orderly transfer of responsibilities. A concern was expressed regarding membership retention and growth. President Roske reported on the financial status of the organization, indicating that several initiatives are being considered to secure the financial security of the organization. Secretary Culver reported on his impression of his first BOD meeting saying that the members could rest assured that the organization enjoys a hard-working Board committed to serious analysis of issues and intent to improve the status of the organization. Director Erwin reported on the adverse impact of House Bill HB-607 on the 70 CM amateur band and recommended support of Senate Bill SB-1040 as a substitute bill that would better achieve the objectives of the Broadband for First Responders initiative. Support for SB-1040 was recommended. Director Erwin reporting for Director Simpson spoke about the importance of QCWA presence at hamfests and other meetings to the overall benefit of QCWA. Director Harrison reported briefly on the activities of the Administration Standing Committee, indicating significant progress toward filling the General Manager position. Long-term problems facing the organization are being reviewed for possible recommended actions. Director Baldwin gave a brief history of the QCWA Journal, indicating the significant improvements over the years. Mr. Baldwin reported on the development of the Taping Program for the Visually Handicapped, developed with the good offices of the Handi-Hams Program. Webmaster (President) Roske reported on the development and updating of the QCWA web site and of the QCWA Reflector as a means of rapid dissemination of QCWA information. George Roach, Coordinator of the QCWA QSO Party activity encouraged the need for stronger support for this activity. General Manager Walbridge reported on the status of the Headquarters Office. Computers have been updated and all processes are working well. Mr. Walbridge reported on the availability of new design QCWA QSL cards, and the availability of high quality belt buckles in silver and brass tone colors.

Mr. Walbridge thanked all for support of the HQ Office, especially for his wife, Jan, the Office Manager. He remembered longtime friends and those who have gone before in his long-time association with QCWA. Chuck received a standing ovation from those assembled, and when joined by Jan, both were affectionately applauded.

President Roske then thanked the Convention Committee, especially co-chairs Skip Swenson and Ray Makul, and all the committee members and volunteers who made the convention a success. QCWA Presidential Awards were made to:

Bob Buus, W2OD, for his contribution for QCWA QSO Party scoring and Awards; Vic Culver, W4VIC, for his contribution to the Chapter Relations Committee, the Publications Standing Committee, and for his contribution as Tape Coordinator; Howard Cunningham, W5DBC, for contributions to the Publications Committee and Web site hosting; Ron Fish, KX1W, for his contributions to the Publications Committee as Journal proofreader; Roger Volk, K0GOB, for his contributions to the QCWA Finance Committee.

The meeting was adjourned at 10:30 a.m.

Vic Culver, W4VIC, Secretary, QCWA Inc.

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| 3CW20000A7 | 3CX3000A7 | 4CX350F | 4CX10000D | 811A | 7092 |
| 3CX100A5 | 3CX6000A7 | 4CX400A | 4CX15000A | 812A | 3-500ZG |
| 3CX400A7 | 3CX10000A7 | 4CX800A | 4X150A | 813 | 4-400A |
| 3CX400U7 | 3CX15000A7 | 4CX1000A | YC-130 | 833A | M328 / TH328 |
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| 3CX1200D7 | 4CX250BC | 4CX3000A | YU-148 | 866-SS | M382 |
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## QCWA STANDING COMMITTEE ORGANIZATION

| COMMITTEE | CHAIRPERSON |
|---|---|
| **Administration** | Chair, Larry McCalvy, WA9JMO; Vice-Chairman, Gary Harrison, K0BC |
| **Chapter Relations** | Chair, Ken Simpson, W8EK; Vice-Chairman, Larry McCalvy, WA9JMO |
| **External Relations** | Chair, Val Erwin, W5PUT; Vice-chairman, Skip Swenson, WB6VVA |
| **Finance** | Chair, Ken Simpson, W8EK |
| **Publications** | Chair, Le Roy Baldwin, W0OFY; Vice-chairman, Gary Harrison, K0BC |
| **Publicity** | Chair, Larry McCalvy, WA9JMO |

A complete list of committee members is available on the QCWA Web page: http://www.qcwa.org

## Memorial Scholarship Fund

| NAME | HONORING |
|---|---|
| CHAPTER 12 | WD4SFG |
| CHAPTER 20 | CHAPTER SILENT KEYS |
| CHAPTER 79 | W0GFQ |
| CHAPTER 6 | KA3AVB |
| CHAPTER 45 | WB4YED |
| CHAPTER 45 | W1DLP |
| CHAPTER 64 | N5HRD |
| CHAPTER 8 | K0MWC |
| CHAPTER 8 | W0HZ |
| CHAPTER 45 | W9HJM |

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# Silent Keys

***With great sadness we record the passing of these members***

| NAME | CALL | MEM. # | L | CITY | ST/PR |
|---|---|---|---|---|---|
| HEWSON, CHARLES | W1HJP | 18078 | L | JEFFERSON | ME |
| MC KINLEY, ROBERT JR | W2OMR | 05071 | L | TINTON FALLS | NJ |
| GATTON, WILLIAM M | W3QFF | 22248 | | GLEN BURNIE | MD |
| CLIFTON, CHARLES R | W8TIV | 20835 | | DAYTON | OH |
| SPINDLER, ROGER G | WA6AFT | 19441 | | PACIFICA | CA |
| LITTS, HARRY T | K7SGQ | 18309 | L | MEDFORD | OR |
| VAN LOO, GILBERT | ON4QN | 18880 | L | B-3590 DIEPENBEEK | |
| WITTHOFF, FRANZ | DJ3BN | 14175 | L | ESSEN | |
| KELLY, CLAUDE J | N4OGS | 22408 | | OCEAN RIDGE | FL |
| WITTGRUBER, WILLIAM C | W8QDD | 12907 | | KETTERING | OH |
| STODOLKA, JAMES P | W0TIV | 05806 | L | ST PAUL | MN |
| PETERS, ROBERT W | W1PE | 28197 | | MESQUITE | TX |
| NISHIYAMA, HARRY K | KH6FKG | 28524 | | HILO | HI |
| SANFORD, MARION E | NH6WS | 28602 | | PAHOA | HI |
| DE NUZZO, JANE B | W3OVV | 29664 | | GAINESVILLE | FL |
| BARENDT, ECKART | DJ6EB | 30559 | L | SCHRIESHEIM | |
| TURNER, PAUL A | W1DLP | 12556 | | PORTLAND | OR |
| ARNTZEN, CLYDE E | KD4KN | 21075 | | JUPITER | FL |
| KOZMA, JULIUS JOHN | K0ZMA | 32599 | | ELLICOTT CITY | MD |
| BROOKS, SKIP | WB4YED | 32660 | | WINTER SPRINGS | FL |
| FINLEY, DAVID R | WB6GJG | 33144 | | FRESNO | CA |
| ALEXA, RICHARD G | N8DMJ | 33980 | | TUSTIN | MI |
| SOLBECK, ROBERT G | N0GIV | 34285 | | HUMBOLDT | IA |

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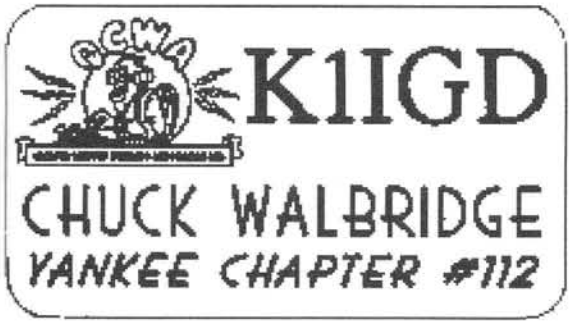


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# Chapters On The Air!

| NUM NAME | DAY | TIME | NCS | FREQ |
|---|---|---|---|---|
| FL SSB | SAT | 1300Z | W4KOG | 3955 |
| QCWA SSB | SUN | 2000Z | varies | 14347 |
| FL SSB | WED | 1500Z | W4NWF | 7274 |
| CONEX | SUN | 0815L | W2NBT | 3917 |
| QCWA CW (Eastern Time Zone) | WED | 2000L | N6SL | 7.035 |
| 1 CLEVELAND Chapter | WED | 2000L | W8LYD | 146.85 – |
| 2 CHICAGO AREA Chapter | 1stTh | 2130L | W9MOL | 147.15 + |
| 5 DELAWARE VALLEY Chapter | SUN | 0945L | WA3DSP | 3917 |
| 6 PITTSBURGH Chapter | SUN | 0830L | N3GHI | 147.03 + |
| 7 SOUTHERN CA | SUN | 1000L | W6ZRZ | 147.360 + |
| | | ECHOLINK 8722 | | |
| 7 SOUTHERN CA | SUN | 1000L | W6ZRZ | 446.24- |
| 7 SOUTHERN CA | SUN | 1100L | K6CD | 7034 |
| 7 SOUTHERN CA | SUN | 0900L | W6LPJ | 3917 |
| 8 UPPER MIDWEST Chapter | SAT | 0800L | W0OFY | 3908 |
| 8 UPPER MIDWEST Chapter | SAT | 0900L | N0GI | 145.45 - |
| | Sep-May | 0900L | N0GI | 145.450 |
| | echo link #89680 | | N0VBE | 145.450 |
| 9 SOUTHWEST OH | SUN | 1330L | W8TIV | 3975 |
| 10 MICHIGAN Chapter | SUN | 0800L | VARIES | 3.903 |
| 10 MICHIGAN Chapter | SUN | 1430L | VARIES | 3.530 |
| 11 NORTHERN CA | SAT | 1000L | WB6IMX | 146.85 – |
| 11 NORTHERN CA | SUN | 0930L | WA6AFT | 3907 |
| 14 SAN DIEGO Chapter | WED | 2000L | VARIES | 146.640 – |
| 16 ARIZONA Chapter | SUN | 0700L | W7LGB | 3890 |
| 17 ALLENTOWN-BETHLEHEM | MON | 2030L | W3SQ | 3692 +/– |
| 20 Chesapeake | THU | 2000L | KR3AB | 146.76 – pl 107.2 |
| 21 CANTON OH Chapter | THU | 1930L | VARIES | 145.11 – |
| 25 NEBRASKA | SAT | 0830L | VARIES | 3.982 |
| 28 CENTRAL NY/ENDLESS MTNS | SUN | 1030L | VARIES | 3.917 |
| 29 FINGER LAKES - NY | TUE | 1900L | WB2YGN | 53.050 – pl 71.9 |
| 31 READING,PA Chapter | MON | 2100L | VARIES | 146.91 – |
| 32 GATOR Chapter | SAT | 0900L | VARIES | 145.29 – |
| 33 GUNDERSON PENN-JRSEY | DAILY | 2000L | W3APE | 3987 |
| 33 GUNDERSON-PENN-JRSEY | DAILY | 1000L | W3APE | 14263 |
| 35 MIDCONTINENT Chapter | THU | 2030L | N0UYN | 146.94 |
| 37 HARRISBURG Chapter | WED | 2100L | K3IUY | 147.12 + |
| 38 SAN ANTONIO Chapter | SUN | 2030L | WA5KRP | 147.380+ |
| 41 DALLAS Chapter | SUN | 0715L | VARIES | 3835 |
| 45 CITRUS Chapter | TUE | 1930L | VARIES | 147.195 + |
| 46 FOUNDER'S Chapter | SUN | 0815L | W2NBT | 3917 |
| 49 PEACH STATE Chapter | SAT | 0900E | K4VN | 3857.5 |
| 49 PEACH STATE Chapter | WED | 2000L | K4VN | 145.41 – |
| 51 TEX-LA GOLDEN TRI | MON | 1830L | W5AL | 146.85 |
| 55 WI Chapter | SUN | 0830L | WA9UVK | 3985 |
| 58 CO Chapter | SUN | 0900L | W9KRE | 3910 |
| 58 CO Chapter | SUN | 0930L | VARIES | 146.67- |
| 62 SUWANNEE Chapter | SAT | 0900L | N6SL | 3940 |
| 63 CENTRAL OK Chapter | SUN | 0730L | W5AS | 3845 kcs |
| 63 CENTRAL OK Chapter | THUR | 1900L | W5HXL | 147.105 + |
| 64 EL PASO Chapter | SAT | 0830L | W5RO | 3933 |
| 65 NIAGARA FRONTIER | SUN | 1330L | W2QI | 3900 |
| 67 AUSTIN Chapter | SAT | 0900L | W5MDL | 3920 |
| 70 NATIONAL CAPITAL | MON | 1930L | VE3QCW | 147.030- |
| 76 BLUE RIDGE Chapter | SAT | 0845L | K4HU | 3.625 Mhz |
| 85 ARK-LA-TEX | CST MON | 1930L | WA9PZL | 146.670 – |
| 85 ARK-LA-TEX | CDT MON | 2000L | WA9PZL | 146.670 – |
| 89 PALMETTO STATE Chapter | SAT | 0843L | N4RM | 3930 |
| 89 PALMETTO Chapter | SUN | 1700L | N4RM | 3695 |
| 91 VIC CLARK Chapter | SUN | 2100L | VARIES | 146.97 |
| 102 DAKOTA Chapter | SUN | 1400Z | VARIES | 3889 |
| 106 GERMAN Chapter | MON | 1630Z | DL0QCW | 3773 |
| 106 GERMAN Chapter | TUE | 1730Z | DL1MEB | 3576 |
| 108 BEAVER STATE Chapter | WED | 0800L | VARIES | 3854 |
| 109 BATON ROUGE Chapter | SUN | 2000L | VARIES | 146.79 – |
| 109 BATON ROUGE Chapter | SUN | 0800L | VARIES | 3905 |
| 110 KANSAS Chapter | SAT | 0730L | N0LL | 3920 |
| 111 W PALM BEACH Chapter | T,TH,SAT pl 110.9 | 1900L | VARIES | 147.045 + |
| 112 YANKEE Chapter | SUN | 0830L | W1GCA | 3906 |
| 114 NORTH TEXAS Chapter | SAT | 0830L | WA5BXH | 3933 |
| 119 TIDEWATER VA | SUN | 2100L | WQ4CWA | 146.97 – |
| 119 TIDEWATER VA | SUN | 0800L | WQ4CWA | 3947 |
| 123 LEE DEFOREST Chapter | SAT | 0730L | VARIES | 3940 |
| 126 PIEDMONT Chapter | SAT | 0845L | VARIES | 3825 |
| 128 PELICAN Chapter | SAT | 0900L | VARIES | 145.29 – |
| 130 INLAND EMPIRE | SAT | 0800L | W6HV | 3.9180 |
| 130 INLAND EMPIRE | FRI | 1600L | W6HV | 3.9180 |
| 130 INLAND EMPIRE | WED | 1930L | W6HV | 1.896 |
| 134 PINE TREE | SUN | 1400L | VARIES | 3942 |
| 135 MID-MICHIGAN Chapter | TUE | 2000L | VARIES | 146.70 – |
| 138 MARCONI Chapter | TUE | 2100L | VARIES | 147.045+ |
| 140 WYOMING Chapter | SAT | 0800L | AB7BJ | 3923 |
| 145 Smokey Mountain | FRI | 0830L | WA4CNI | 3976 |
| 146 TWIN STATE Chapter | SUN | 0830L | VARIES | 3912 |
| 146 TWIN STATE Chapter | THUR | 1900L | VARIES | 146.76 – |
| 149 NUTMEG Chapter | SUN | 1030L | W1EFW | 3923 |
| 150 DEL-MAR-VA Chapter | SUN | 0900L | NQ4Q | 146.820 – |
| 151 WILD ROSE Chapter | MON | 1900L | VARIES | 3747 |
| 152 ROYAL PALM Chapter | MWF | 1630L | K4FA | 14190 |
| 160 UTAH Chapter | SAT | 1100L | VARIES | 7272 |
| 162 SOUTHEAST WI | THUR | 2100L | WB9RGO | 147.27+ |
| 165 YORK COUNTY PA | WED | 2100L | W3EDO | 146.97+ pl 123 |
| 166 COLONIAL PA | Sun-Fri | 0900L | VARIES | 146.985 – |
| 169 SACRAMENTO VALLEY | M/THU | 1730L | VARIES | 3947.5 |
| 173 GOLDEN TRI Chapter | TUE | 1930L | W9JRY | 145.39 – |
| | | ECHOLINK node 360259 K4FC-L | | |
| 181 HUDSON VALLEY | SUN | 0815L | W2NBT | 3917 |
| 181 HUDSON VALLEY NY | TUE | 2030L | VARIES | 147.060 + |
| 182 NORTHEAST TN | SUN | 2100L | W4CZ | 145.110 – |
| 183 PIONEER Chapter | SUN | 0930L | VARIES | 3923 |
| 191 MONTEREY BAY Chapter | TUES | 1930L | VARIES | 146.70 + pl 94.8 |
| 194 HAWAII Chapter | 1st S | 1500L | KH6B | 7088 |
| 196 EDISON Chapter | DAILY | 0730L | VARIES | 147.345 + |
| 198 MID SIERRA Chapter | SAT | 0700l | VARIES | 3908 |
| 205 EASTERN IN Chapter | MON | 2000L | VARIES | 147.045+ pl 131.8 |
| 210 OMAHA Chapter | TUES | 1900L | W0OMA | 147.36 + |
| 211 NEOSHO VALLEY Chapter | SAT | 0900C | VARIES | 3907 |
| | EXCEPT 4TH SAT | | | |
| 213 FRESNO CA | 4TH MON | 1930L | VARIES | 146.850– pl 141.3 |
| 213 FRESNO CA | 4th MON | 1930L | WQ6CWA | 443.250 + pl 107.2 |
| 219 NEW-UP Chapter | 2nd SAT | 1600C | W8DXX | 3838. |

## MEMBER CLASSIFIEDS

**WANTED:** QCWA Members! Place your ads here for **FREE!!** Have something to sell? Looking for a part, manual, book, etc.? Take advantage of your membership and send your ad today to: **Business Office, QCWA, Inc., P.O. Box 3247, Framingham, MA 01705-3247** or email your ad to: qcwagm@rcn.com

**WANTED:** Morrow 5BRF Receiver parts needed to finish restoration, specifically knobs and top plate that covers cal holes. Don w7wll@arrl.net or 541-547-4398

**WANTED:** RCA Radio Marine CRM-R6A Receiver, Cosmophone -35 early HF transceiver. John Hurst, KU6X, 2512 Euclid Crescent East, Upland, CA 91784 (909) 981-6759, hurstjsj@Gmail.com

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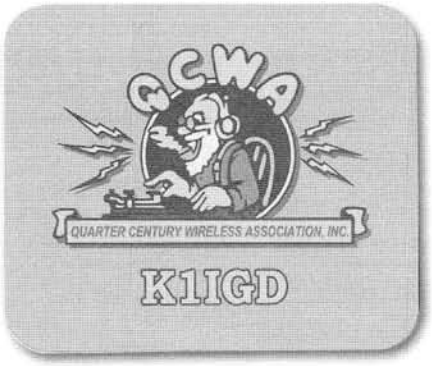


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This form for use by all U.S. Applicants for membership in QCWA.
**Fees Effective 1/1/2011**

For Official Use Only
Membership No.
Date
First Licensed Year
Deposit Record

**New Application?** **Renewal?** **Original QCWA No.** _____

I, _____ (Print Name Clearly) , _____ Present Call
having been licensed as an amateur for 25 years or more and presently holding the call listed above, (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required. My complete mailing address is :

_____
Street Number and Name City State Zip Code

E-Mail Address _____ Telephone Number _____

I will keep QCWA Headquarters advised of changes in my address and/or call sign. My first Amateur license was dated_____ and the Call was _____ Other Calls held_____

Date of Birth _____

I wish to become affiliated with QCWA Chapter_____

Your Signature _____

## SCHEDULE OF MEMBERSHIP FEES

| Select one of the following plans: | Member | Family Member (ea. additional) | |
|---|---|---|---|
| QCWA Dues for a ONE-year period | $25.00 | | _____ |
| QCWA Dues for a TWO-year period | $40.00 | | _____ |
| QCWA Dues for a THREE-year period | $55.00 | $12.00 | _____ |
| QCWA LIFE Membership | $500.00 | $120.00 | _____ |
| When paid in 3 equal installments within a one-year period | $510.00 (3 pay of $170.00) | $135.00 (3 pay of $45.00) | _____ |

**INITIAL REGISTRATION FEE, ALL NEW MEMBERS** .....**$5.00** _____

Gold membership pins available with your call engraved (no year tag) Check fastener:

Tie-tac _____ Screw button _____ Safety pin _____ $15.00 each _____

Year-tag pins **(tie-tac only)**: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 $20.00 each _____

Total _____

Proposed by _____ Call _____ No._____ 0111 A

# Member Supplies

## CERTIFICATES

***Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued. There is no charge for these certificates.***

• **QCWA Gold Certificates** celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

• **Gold Certificates** are issued in five-year increments; 55, 60, 65, and 70-year certificates free of charge to eligible members. Special awards are issued for 75 years and higher.

• **Fifty-Year Continuous Licensing Gold Certificate** available to eligible members. Requires submission of proof of continuous licensing. Applications are available from QCWA Headquarters.

• **QCWA Century Club Certificate** is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more.

• **Meritorious Award Certificate** is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio.

## OPERATING AWARDS

***The Activities Manager issues QCWA Operating Award Certificates to QCWA members. Proof of eligibility is required.***

• **QCWA Worked 50 States Awards** are issued to QCWA members who have contacted members in each state of the union.

• **QCWA Worked 100 Members Awards** are issued to QCWA members who have contacted at least 100 QCWA members.

• **QCWA Worked 60 Chapters Awards** are issued to QCWA members who have contacted members of 60 chapters.

• **QCWA Worked 500 Members Awards** are issued to QCWA members who have contacted 500 QCWA members.

## OTHER MEMBER SUPPLIES

• **Lapel Pins without year tags.** Tie tack, safety pin or screw type pins (no year) -$15.00
• **Lapel Pins with year tags (tie tack only).** Specify year: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 -$20.00
• **QCWA Life Member pin:** $10.00
• **QCWA Embroidered emblem:** $5.00
• **450 QCWA Red Stamps (regular):** $5.00
• **450 QCWA Gold Stamps (life):** $5.00
• **400 QCWA Yellow Stamps (50 Year):** $5.00
• **QCWA Cap with logo:** $20.00
• **QCWA Chapter Banner:** Please contact headquarters for current pricing.
• **QCWA Decals:** $1.00 (there is an "inside the window" version and an "outside the window" version. Please specify)
• **QCWA QSL Cards** — (see ad elsewhere)
• **QCWA Member Badges** — (see ad elsewhere)
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